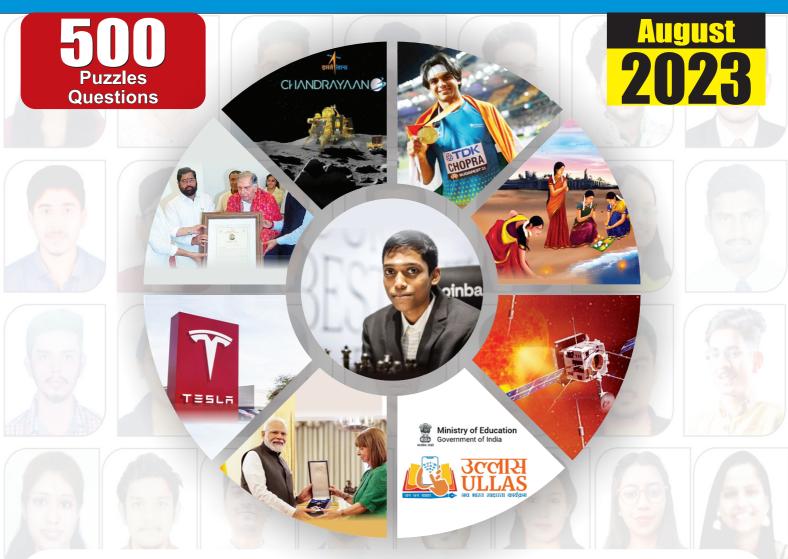


# MONTHLY CURRENT AFFAIRS



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### SUCCESS: THE REWARD OF HARD WORK



**Ravindra Patil** 

(Working in Bank of Maharashtra)

"No one will Value your words until you become successful person!"

Life is very difficult for some people. It is like a sinking boat. And who would like to sail through such a boat?

I am Ravindra Patil, from Malewadi, Kolhapur. From my childhood days I am passionate about learning. As I completed my HSC course with good marks I was sent to a big city for my further studies. my economic condition was not good and due to the lockdown imposed during the COVID pandemic forced me to return to Malegaon.

One day there was a programme to felicitate women in my neighbourhood and I was expecting my mother to attend it but she didn't. I asked her why she didn't go the programme. She replied by saying that she had many household duties. The real reason for not attending the programme was lack of jewellery left with her. This incident sparked some unknown energy and determination in me and I went to Mumbai at relative's place to pursue further studies and within a couple of months I shifted to Pune.

I took my admission in The Winner Institute. While taking the admission I had only 15000 rupees with me. I spent 10000 rupees for my admission and the remaining 5000 rupees were spent on accommodation and food.

I was studying consistently for the next month but as they say time teaches us a lot. I was penniless again and had to return to Malegaon. I did not lose hope and determination and continued my studies from my native place. I studied wherever I got a chance to fir example in the fields or at the barns.

My consistent study helped me in clearing my prelims. I cleared many preliminary exams of various exams but was not able to clear the main examination. To overcome this hurdle, I decided to come back to Pune and study at The Winner Institute and do a part time job at KFC, etc. to sustain myself.











As I came to Pune I went to The Winner Institute. There I came across Sagar (Sir). He was like an angel to me. I told him about my prelims and overall hurdles that I am facing regarding mains exam.

After patiently listening to my plans he responded by saying that if you get a job in Winner Institute you will get accommodation also. As soon as I heard this I was on cloud nine. I got a job at Winner which took care of both of my needs preparation as well as sustenance. Due to the unconditional support given by The Winner Institute I was able to prepare for Mains exam in a better way and ultimately I got posted as Executive Officer in IDBI Bank & After that I have cleared IBPS junior assistant post, now I am working in Bank of Maharashtra.













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#### **Banking and Financial Awareness**

1. Union Minister of Finance Nirmala Sitharaman has inaugurated the Corporate Debt Market Development Fund (CDMDF) and initiated the muhurat trading on Limited Purpose Clearing Corporation mechanism called AMC Repo Clearing Limited (ARCL), in Mumbai, Maharashtra.

Both the initiatives intend to deepen the functioning of the corporate debt markets.

Corporate Debt Market Development Fund (CDMDF): CDMDF was first mooted in the Union Budget 2021-22. It is Rs. 33,000 crore backstop facility for Mutual Funds to enhance secondary market liquidity in the Corporate Bond market during stressed and normal times, thereby instilling confidence amongst participants in corporate bond market. It was approved by SEBI in March 2023.

State Bank of India Mutual Fund will be managing the fund. CDMDF is notified as an Alternative Investment Fund (AIF) in the form of a Trust under **SEBI (AIF) Regulations.** 

2. Future Generali India Life Insurance has joined hands with IM Financial Services Limited to elevate its insurance product offerings and extend its market presence across India.

This will enable Future Generali to reach a larger customer base of 2.20 lakh and serves to the various needs of individuals.

3. The Insurance Regulatory and Development Authority of India (IRDAI) has appointed Max Life Insurance Company Ltd (Max Life) as the "Lead Insurer" for the States of Uttar Pradesh and Arunachal **Pradesh**.

The aim is to enhance financial awareness and insurance solutions. Other Lead Insurer: Liberty General Insurance has been appointed as the "Lead Insurer" for Delhi by the IRDAI under State Insurance plan.

4. As per the latest State Bank of India's (SBI) Economic Research Report (Ecowrap), India will become the third-largest economy in the world by FY28 based on actual Gross Domestic Product (GDP) data as on March 2023.

India currently ranks 5th in the world's largest economy, accounting for 3.4% of global GDP.

- As per the report, India will surpass both Japan and **Germany** in **2027** if it develops at the present current rate of growth.
- **India's GDP** is expected to grow by more than 8% in the first quarter of Financial Year 2024 (8.1 - 8.2%).
- India may surpass the 6.5% mark of overall growth in FY24.
- **5. RazorPay,** a payment and banking company, has launched the "MoneySaver Export Account" for **Indian exporters.** With this, Indian exporters will now open a smart account in any country of their choice and receive payments locally via bank transfers on the Razorpay platform.

This will be India's first smart account to offer 50% savings on international bank transfers for exporters, and help save them from high transfer costs, chargebacks and payment failures.

6. The Life Insurance Corporation of India (LIC) has launched the 'Jeevan Kiran' plan, a new nonlinked, non-participating life insurance policy that 'returns' the premiums paid by policyholders at maturity.

#### **Key features of Jeevan Kiran:**

- The policy can be purchased by individuals in the age group of 18-65 years.
- The **minimum sum** assured under the **policy**, which comes with tenures of 10-40 years, is Rs.15 lakh.
- The minimum instalment will be Rs. 3,000 under the regular premium option and Rs.30,000 under the single premium variant.
- The premiums for smokers and non-smokers will varv.
- The minimum age on maturity is 28 years and maximum is **80 years**.
- 7. A list of Coalition Greenwich's, a division of CRISIL, Share and Quality Leaders, and Greenwich Excellence Awards 2023 has been released in which **HDFC Bank** has overtaken **State Bank of India (SBI)** as a top ranked bank in the 3 categories of Share and Quality Leaders Award list.
- In the list of Greenwich Share Leader 2023 (Large Corporate), HDFC Bank has overtaken SBI and topped the list of Indian Large Corporate Banking Market Penetration-Local Banks.











- ICICI Bank has topped the Indian Large Corporate Banking Quality-Local Banks and emerged as the sole designation for Greenwich Quality Leader 2023 (Large Corporate).
- In the list of **Greenwich Share Leader 2023** (Middle Market), **HDFC Bank has** again **topped** the **list of Indian Middle Market Banking Market Penetration (Local Banks).**
- In the list of Greenwich Quality Leader 2023 (Middle Market), HDFC Bank has shared a top spot with ICICI Bank in the category of 'Indian Middle Market Banking Quality-Local Banks.'
- 8. The Government of India (GoI) and the Asian Development Bank (ADB) have signed a USD 200 million loan as additional financing for the ongoing Rajasthan Secondary Towns Development Sector Project.
- The additional financing will help improve water supply systems in at least seven towns by converting groundwater sources to surface water, replacing about 700 km of leaking water pipes, installing 1,400 km of new water supply pipelines, and providing 77,000 households with water meter connections.
- The amount will also help establish three new water treatment plants.
- 9. Bengaluru-based CRED, a FinTech company, has launched RuPay credit card-based Unified Payments Interface (UPI) payments for its members, in collaboration with the National Payments Corporation of India (NPCI). The launch of credit-on-UPI will empower CRED's members to utilise their RuPay credit cards for making payments via UPI.
- 10. BRICS' New Development Bank (NDB) has elected Thuraiya Hamid Alhashmi, Director of the International Financial Relations and Organisations Department at the UAE Ministry of Finance, as a member of its Board of Directors and a Constituency Director.
- She has been appointed following an internal voting process during **NDB's eighth** annual meeting, held recently in **Shanghai**, **China**.
- She will become the first Emirati and Arab woman to assume a director's position at the New Development Bank, which was established in July 2015 by Brazil, Russia, India, China and South Africa (BRICS).

11. The Securities and Exchange Board of India ('SEBI') has introduced a common Online Dispute Resolution Portal ('ODR Portal') which will harness online conciliation and online arbitration for resolution of disputes arising in the Indian Securities Market

The provisions of this circular will be implemented in Phases:

#### First Phase:

- To be completed on or before 1st August 2023
   which includes Development of Portal/
   Empanelment of ODR Institutions by the
   Market Infrastructure Institutions ('MIIs')/
   Empanelment of Conciliators and Arbitrators
   by such ODR Institutions.
- Registration of Trading Members and Depository Participants on the ODR Portal by 15th August 2023.
- Commencement of registering of complaints/disputes against brokers and depository participants and their resolution on and from 16th August 2023.

#### **Second Phase:**

- Registration of all other Market Participants on the ODR Portal by 15th September 2023.
- Commencement of registering of complaints/disputes against all other Market
   Participants and their resolution on and from 16th September 2023.
- Implementation of related processes and requirements envisaged in this Circular will be in effect by 16th September 2023.
- 12. Paytm, owned by One97 Communications Ltd (OCL), has launched two new cutting-edge payment devices, the Paytm Pocket Sandbox and Paytm Music Sandbox. Both devices are equipped with 4G capabilities, providing enhanced convenience for on-the-go merchants. This is India's first Pocket & Music Soundbox.
- 13. India's services activity has increased to 62.3 in July 2023 from a Purchasing Managers' Index (PMI) of 58.5 in June 2023. This is according to statistics issued by S&P Global in August 2023.

This is the **highest index** reading since **June 2010**.

- About **29% of survey** participants reported higher intakes of new business.
- **India's service sector** is one of the fastest growing in the world. It contributes more than **50% in India's GDP.**







- Manufacturing PMI has declined slightly from 57.8 in June 2023 to 57.7 in July 2023.
- Manufacturing has a share of around 18% in GVA.
- 14. The Small Industries Development Bank of India (SIDBI) has joined hands with the Center for Innovation Incubation and Entrepreneurship (CIIE.CO), IIM Ahmedabad's (IIM-A) startup incubator and investor, to establish the SIDBI Accelerator Fund at IIMA's CIIE.CO with a total corpus of Rs.40 crore.

The aim is to extend seed investment to early-stage enterprises. The development is part of SIDBI's "India of Tomorrow" initiative which intends to strengthen India's developmental and funding ecosystem for early-stage startups. The corpus will be equally contributed by the two entities.

15. Axis Bank, India's third-largest private sector bank, in collaboration with National Payment Corporation of India (NPCI), has tied up with Kiwi, a FinTech platform, to bolster 'Credit on UPI' accessibility on RuPay credit cards.

This enables Kiwi users to seamlessly access the RuPay lifetime free virtual Axis Bank KWIK credit card through the app.

16. The State Bank of India (SBI) has raised Rs.10,000 crore at a coupon rate of 7.54 percent through its third infrastructure bond issuance. The proceeds of bonds will be utilised in enhancing longterm resources for funding infrastructure and the affordable housing segment. The tenor of these bonds is 15 years.

This is the **first issuance** of a long-term bond by any bank for this tenor in the current financial year. The coupon rate of the bond issuance represents a spread of 13 basis points over the corresponding FBIL G-Sec par curve.

- 17. Mastercard has introduced the Cardholder Verification Code (CVC)-less online transactions for Indian debit and credit cardholders. The aim is to reduce the checkout time and make CVC-free payment to enhance the payment security. Note: CVC is the 3digit number (in case of Visa, Mastercard, and Discover) printed on the back of debit and credit cards.
- 18. The National Bank for Agriculture and Rural Development (NABARD) has sanctioned a total amount of Rs.1,974.07 crore to the Rajasthan

government under the Rural Infrastructure Development Fund (RIDF) for the financial year 2023-24.

#### Out of Rs.1,974.07 crore:

- Rs.930.44 crore has been sanctioned for three rural drinking water supply projects inAjmer, **Jalore**, and Kota districts.
- **Rs.926.48 crore** was sanctioned for the construction of 676 rural roads in the desert and tribal areas of the state.
- Rs.117.15 crore has been sanctioned for the construction of 104 veterinary hospitals and **431 sub-centres** in all **districts** of the **state**.
- 19. The Life Insurance Corporation of India (LIC) **Mutual Fund** has completed the takeover of schemes of IDBI Mutual Fund from IDBI Asset Management **Limited** following the approval of **Competition** Commission of India (CCI) in March 2023.

With the completion of the merger, out of **20 schemes** of IDBI MF, 10 will be merged with similar schemes of LIC MF and the remaining 10 will be taken over by LIC MF on standalone basis, which will take its total scheme count to **38**. The merger aims to offer schemes in the mid-cap, small-cap, gold-fund, and passive fund segments.

- **20. Karnataka Bank** has hosted the first edition of 'KBL - FinOne', a fintech partnership event, in Bengaluru with the objective of forging collaborations to develop innovative business models, providing seamless banking experience and offering a complete product suite.
- **21.** IndiaFirst Life Insurance Company has launched a non-linked and non-participating product named "Guarantee of Life Dreams (G.O.L.D.)" that offers policy holders regular longterm income.
- The premium paying terms range between 6, 8, and 10 years for policy terms of 30 years and 40
- The starting **premium** is as **low as Rs.4,176 per month** and offers the choice to pay annually or in instalments.
- The plan offers three income options: immediate, intermediate and deferred.
- **22. IndusInd Bank** has tied up with **Tiger FinTech** Private Limited, a Bajaj Capital Group company, to launch the IndusInd Bank Tiger Credit Card, a cobranded credit card powered by Visa. The card offers











### WINNER INSTITUTE India's Best Banking Institute

- a 'Magnificent Rewards Program', where customers earn up-to 6X accelerated rewards. The cardholders will also be able to convert their rewards points to air miles and enjoy discounted foreign currency mark-up of 1.5% on international spends.
- 23. The Securities and Exchange Board of India (SEBI) and Association of Portfolio Managers in India (APMI) will jointly set standards for performance audit of Portfolio Management Services (PMS) players. • PMS players are required to conduct a performance audit annually and submit a report within **60 days** after the end of a financial year.
- This performance audit needs to consider all clients' portfolios managed by the PMS.
- However, performance of advisory clients can be excluded only if it is not published in any marketing material or website.
- The standard specified by **APMI** will be **effective** from 1st October 2023.
- 23. US-based payments major PayPal has launch **announced** the of a U.S. denominated stablecoin named "PayPal USD" (PYUSD) which is backed by dollar deposits, US treasuries, and cash equivalents. It will be issued by Paxos Trust Co to PayPal customers in the United States.

**Stablecoin**: It is a type of cryptocurrency that is designed to have a stable value, typically pegged to a stable asset or reserve, such as a fiat currency like the US dollar or a commodity like gold.

- 24. Bajaj Finance has partnered with ICICI Lombard General Insurance along with other partners to provide car and two-wheeler insurance plans on the platform Bajaj Finance Insurance Mall. The ICICI Lombard Car and Two-wheeler Insurance policies offer comprehensive damage coverage, including third-party cover, personal accident cover, No Claim Bonus (NCB), and various add-on benefits to vehicle owners.
- 25. Star Health and Allied Insurance (Star Health) has entered into a bancassurance tie-up with UKbased Standard Chartered Bank (SCB) to enhance the accessibility of health insurance products through the bank's extensive distribution network.

Under this tie-up, SCB will offer Star Health's insurance products through their extensive branch network across India. SCB currently has 100 branches spread across 42 cities. Bancassurance is an insurance distribution model where insurance companies partner with banks to sell policies.

**26** Insurance Company Limited (RGICL) has signed a contract with the **Department of Health & Family** Welfare, Government of Meghalaya for the implementation of the Megha Health Insurance Scheme (MHIS) and the Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (AB-PMJAY) Phase 6 in Meghalaya.

RGICL emerged as the successful bidder to implement a revised MHIS 6 scheme in convergence with PMJAY, providing an insurance cover of Rs.5,30,000 for all eligible beneficiaries on a family floater basis.

**27. Postal Life Insurance (PLI)** has introduced a pilot program for "Direct Incentive Disbursement" in Delhi and Uttarakhand circles to recognize the pivotal role of its sales force.

This **Direct Incentive Disbursement** initiative is their agent incentive program under which agents' commissions from the previous month directly transferred to their Post Office Savings Bank (POSB) Accounts resulting in swift and secure transactions.

- 28. Bandhan Bank has tied up with the Odisha **Government** to help them strengthen payment solutions for Odisha Tourism Development Corporation (OTDC) Ltd. The lender has provided Point of Sale (PoS) machines to facilitate card payments by tourists.
- 29. Sashidhar Jagdishan, the MD & CEO of HDFC **Bank,** has become the highest-paid bank Chief Executive Officer (CEO) in FY23 with Rs.10.55 crore pay.

Among the bank CEOs, Axis Bank's Amitabh Chaudhry's received a payout of Rs.9.75 crore in FY23 making it the second highest in terms of overall pay, followed by Sandeep Bakhshi of ICICI Bank, who received a payout of Rs.9.60 crore for the fiscal year. Kaizad Bharucha, the deputy managing director of HDFC Bank, drew Rs.10 crore for FY23 and is likely to be the second-highest grossing banker in India.

**30. PayU India** has partnered with **CSC Academy**, a Special Purpose Vehicle (SPV) of the Ministry of Electronics & Information Technology (MeitY), to provide digital and financial literacy to the weak and underprivileged segments of society.









Under this, mobile vans will be stationed in and around three districts in **Delhi/Gurugram**, **Mumbai**, and Bengaluru for people between the ages of 15 and 60 to provide financial and digital literacy instructions as well as other civic services. The program runs from 1st July 2023 to 30th June 2024. The Village Level Entrepreneurs (VLEs) from CSC will play a pivotal role in administering this campaign.

31. The Export-Import Bank of India (Exim Bank) has launched its subsidiary "India Exim Finserve IFSC Private Limited (Exim Finserve)" at the GIFT City in Gandhinagar, Gujarat.

The new entity will initially begin providing factoring services to Indian exporters. Factoring service involves a business selling its accounts receivable (invoices) to a third party to meet its short-term liquidity needs. **EXIM Finserve** is the **first finance** company in **GIFT City** for export financing.

The subsidiary aims to empower exporters with a trio of services:

- Receivables financing
- Risk mitigation against non-payment
- Efficient accounts receivable management

Note: The first announcement to establish a subsidiary of EXIM Bank for trade refinancing in **GIFT City** was made in the **Union Budget 2023**.

32. AU Small Finance Bank (AU SFB) has become the first bank in India to provide 24x7 for 365 days video banking facility to all the customers (including account holders under Pradhan Mantri Jan Dhan Yojana (PMJDY) for free of cost.

This service provides a virtual platform where customers can communicate with a video banker in real time via video calls, like video conferencing.

33. The 12 public sector banks (PSBs) in India have recorded a cumulative net profit of Rs.34,774 crore in the first quarter of the financial year 2023-24. In Q1 of FY23, all 12 state owned banks had recorded a total profit of Rs.15,306 crore.

Most banks has recorded net interest margin (NIM) of over 3 percent. Pune-based Bank of Maharashtra has recorded the highest NIM of 3.86 percent, followed by Central Bank at 3.62 percent and Indian Bank at 3.61 percent during the quarter. During the first quarter, four lenders logged a profit of over 100 percent. The highest percentage growth has been recorded by Punjab National Bank, which earned a profit of Rs 1,255 crore against Rs 308 crore in the

same quarter of the previous year, a growth of 307 percent. It is followed by the State Bank of India (SBI), which recorded a 178 percent bottom line growth at Rs 16,884 crore and the Bank of India with a 176 percent surge, earned Rs 1,551 crore profit.

34. Airtel Payments Bank has become the first Indian Bank to launch eco-friendly debit card for its new and existing customers with a savings bank account.

The debit cards will be crafted from re-cycle-Poly Vinyl Chloride (r-PVC) material, a certified ecofriendly material, against normal PVC cards. Every batch of 50,000 cards produced would reduce carbon emissions by 350 kilograms. The card comes in two variants (under Classic variant): Personalised Classic card & Insta Classic card.

- 35. Altigreen, India's top commercial electric vehicle maker, has collaborated with Axis Bank to provide customized retail financing alternatives to its customers. This will streamline and simplify the purchasing process and empower customers in their transition to electric mobility.
- **36. Swiss impact investor** response **Ability** Investments AG signed a USD 15 million funding deal with non-bank lender Electronica Finance to promote green financing in India in line with its sustainability goal.

Electronica Finance will use the funding for financing energy-efficient machines and promoting rooftop solar installation.

- 37. Paytm Founder Vijay Shekhar Sharma has entered into an agreement to acquire 10.3 percent stake in Paytm from Antfin (Netherlands) Holding B.V. This acquisition will be done via his 100 percent owned overseas entity, Resilient Asset Management B.V. (Netherlands) and through an off-market transfer. On the closing of this transaction, Vijay Shekhar Sharma's shareholding in Paytm (direct and indirect) will increase to 19.42%, while Antfin's shareholding will reduce to 13.5%.
- 38. Kotak Mahindra Life Insurance Company (Kotak Life) has entered into a corporate agency tieup with ESAF Small Finance Bank (ESAF Bank) to offer life insurance to customers.









This tie-up plans to benefit 68 lakh customers of **ESAF** Bank that will offer a wide range of tailor-made life insurance products and solutions provided by Kotak Life.

- 39. Axis Bank has announced that it will raise its stake in Max Life Insurance to 16.2% from 9.99% by infusing Rs.16.12 billion (\$194.6 million) through a preferential allotment of shares. This capital infusion will help Max Life to support its growth ambitions, augment capital position and improve solvency margins.
- 40. The Indian Banks' Association (IBA) has constituted the Sectoral Committee to address the unique regulatory landscape and challenges faced by 26 member banks operating within the Gujarat International Finance Tec-City (GIFT City) in Gandhinagar, Gujarat. The committee will act as a bridge between the banking industry and regulators.
- 41. Climate tech startup Chakr Innovation has raised Rs.18 crore (USD 2.2 million) funding from the Export-Import Bank of India (EXIM Bank). The funds are sanctioned under EXIM Bank's Ubharte Sitare Programme (USP), for developing the environmental sustainability and technology sector in India.
- **42.** The Pension **Fund** Regulatory Development Authority (PFRDA) in coordination with the Securities and Exchange Board of India (SEBI) has introduced the option for National Pension System (NPS) subscribers to view their pension fund corpus alongside their demat securities and mutual fund holdings using a single Consolidated Account Statement (CAS). Currently, CAS, which is provided by National Securities Depository Ltd and Central Depository Services Ltd, offers a consolidated view of personal investments in the securities market with updated mark-to-market values.
- 43. The National Payments Corporation of India (NPCI) has launched the 3rd edition of the UPI Safety Awareness Campaign named "UPI Chalega." The campaign aims to promote UPI as an easy, safe, and instant mode of payment.

It also educates users about various features such as **UPI LITE**, which enables swift low-value transactions; UPI AUTOPAY, which allows secure and convenient recurring payments using any UPI application; and UPI Interoperability, which facilitates seamless

transfers all **UPI-enabled** money between applications.

The UPI Chalega campaign was first launched in 2020 under the guidance of the Financial Literacy Advisory Committee (FLAC).

- 44. Broking firm Zerodha has received final approval from the Securities and Exchange Board of India (SEBI) to launch an Asset Management Company (AMC)- Zerodha Asset Management Private Limited called as "Zerodha Fund House."
- **Zerodha Fund House** is the joint venture (JV) of Zerodha with Smallcase Technologies Private Limited (smallcase), a fintech platform.
- Vishal Jain has been appointed as the Chief Executive Officer (CEO) of Zerodha Fund House.
- In August 2023, Singapore-based Helios Capital Management, which offers **Portfolio** Management Services (PMS) has also been granted approval from SEBI to launch a Mutual Fund Business.
- **45.** The Insurance Regulatory and Development Authority of India (IRDAI) has approved the appointment of Amit Jhingran as the new Managing Director (MD) and Chief Executive Officer (CEO) for SBI Life Insurance Company Limited.

He will succeed Mahesh Kumar Sharma, the incumbent MD & CEO of SBI Life.

**46.** PayNearby, a fintech platform owned by Nearby Technologies Private Limited, has joined hands with **Protean eGov Technologies (Protean)** to provide credit services on the **Open Network for Digital Commerce (ONDC) network** for last-mile Micro, borrowers and Small & Medium Enterprises (MSMEs).

Protean will aggregate Loan Service Providers (LSPs) onto a single platform.

Under this association, Protean will be an ONDC technology service provider through PayNearby's Distribution as a Service (DaaS) network through over 12 lakhs active PayNearby outlets.

47. The Multi Commodity Exchange of India Limited (MCX), the country's largest commodity exchange, has selected Lex Carta Pvt as the primary Dispute Resolution (ODR) Online provider.









A complaint/dispute initiated through the ODR portal will be referred to an ODR Institution empaneled by a Market Infrastructure Institution.

The ODR will provide an efficient mechanism for dispute resolution between investors/clients and all the stakeholders in the securities market.

48. The Asian Development Bank (ADB) has approved a USD 40.5 million loan for integrated Early Childhood Development (ECD) and Maternal Mental Health in Meghalaya. The Government of Meghalaya is contributing USD 15.27 million to the project.

The project will strengthen home-based childcare (children 0-1.5 years) and center-based childcare (1.5-6 years) through daycare (Anganwadi) centers in Meghalaya.

A **USD 2 million technical assistance** grant from the Japan Fund for Prosperous and Resilient Asia and the **Pacific** will help develop guidelines and training curricula for Anganwadi centers (AWC) staff and ECD educators.

**49. Canara Bank** has introduced a special savings bank account named "Canara Jeevan Dhara" for pensioners, and prospective pensioners including all the employees who retired on a voluntary basis or normal retirements.

The bank offers two variants depending on the pension credit.

- Diamonds account is for up to Rs.50,000.
- Platinum for account is above Rs.50,000.Interest rate on Jeevan Dhara savings account will be same as regular savings account which ranges from 2.90% to 4% depending on the balance in the account.

**Loan against deposit:** Under this account, the bank will offer 0.75% above the deposit rate for senior

For customers of this account, the bank will offer top up facility on pension loans. Concession on medical expenses up to 25 percent for Canara Bank Jeevan Dhaara customers.

- **50.** Go Digit General Insurance, a digital full stack insurer, has collaborated with Vetina Healthcare LLP, an animal healthcare solutions provider, to provide pet insurance coverage for dogs.
- This collaboration will extend 4 distinct coverages like dog's vet expenses, specific illnesses, critical illnesses and any third-party liability to Vetina family members.
- The premium will start for as low as **Rs.1,879** for a sum Insured of Rs.40,000.
- The policy will be extended to 847 different dog breeds, including pure, cross and indie breeds.
- The sum insured will range from Rs.40,000 to Rs.1.5 lakh and will be available for pets aged between 12 weeks to 10 years.
- **51.** Light Microfinance has joined hands with a fintech firm IppoPay to provide digital lending to micro, small and medium enterprises (MSMEs) in rural and semi-urban micro-markets of Tamil Nadu, Andhra Pradesh, Telangana and Karnataka,

Coinbase Ventures and Better Capital-backed startup **Ippopay** offers payments solutions to about 400,000 merchants.

**52. Indian Bank**, a public sector undertaking (PSU), has **established 10 startup** cells across various cities in India to mark its 117th foundation day (15th August 1907).

The startup cells have been set up in Ahmedabad, Bengaluru, Coimbatore, Chennai, New Delhi, Gurgaon, Guwahati, Hyderabad, Kanpur and Mumbai.

These cells aim to cater to specialized banking needs and promote the growth of the startup ecosystem in India.











#### **National Affairs**

#### **CAIT launched National Digital Nagrik Forum** to digitalise traders

- **Confederation of All India Traders introduced** the creation of an online platform National Digital Nagrik Forum(NDNF).
- Aims: To advance the rights of traders and consumers and other sections of society and shape policy to boost the digital trade economy.
- NDNF will focus on five core themes. First, consumer protection and online safety with a core focus on efficient grievance redressal.
- **Objectives**: To conduct awareness camps, digital and physical dialogues and training.

#### **Ministry of Social Justice and Empowerment** has launched the NAPDDR

- Ministry The of Social **Iustice** and **Empowerment** has launched the **National Action Plan for Drug Demand Reduction.**
- **Objective**: To reach out to the masses and spread awareness about substance use with a focus on educational Institutions, university campuses & schools, reaching out & identifying dependent populations, focusing on counseling & treatment facilities in hospitals, and Capacity building programs for service providers.

#### India's overall unemployment rate falls to 7.95% in July from 8.45% in June

- According to data released by private forecaster Centre for Monitoring Indian Economy, the total unemployment rate fell to 7.95% in July, from 8.45% in June
- Rural unemployment rate fell to 7.89%, from 8.73% in June, while the urban unemployment rate ticked up, to 8.06% from 7.87% in the same period.
- Rural unemployment rate falls due to increased demand for laborers for farming work.
- Labour force rate in urban areas also fell, indicating a broader weakness in the economy.

#### President of India inaugurated 'UNMESHA' and 'UTKARSH' festivals in Bhopal.

**President Draupadi Murmu** will inaugurate the national festival of India's folk and tribal expressions "Utkarsh" and the international literature **festival "Unmesh"** in Bhopal.

- Culture Department Madhya Pradesh along with Sangeet Natak Akademi and Sahitya Akademi of the Ministry of Culture is organizing this event from 3rd to 5th August.
- The international literature festival Unmesh is Asia's largest literary convention
- 15 countries will participate in the Unmesh festival.

#### NHAI Launched 'Rajmargyatra' Unified Mobile **App for National Highway Users**

- The National Highways Authority of India (NHAI) has launched the 'Rajmargyatra,' a citizen-centric unified mobile application.
- **Aim**: To create a seamless, user-friendly experience for highway users.
- The user-centric app marks a substantial advancement in providing travelers with comprehensive information about Indian National Highways.
- It provides real-time weather updates, timely broadcast notifications and details about nearby toll plazas, petrol stations and hospitals.

#### **Health Ministry prohibits sale of Ketoprofen** and Aceclofenac

- According to a notification issued by the Union Ministry of Health and Family Welfare, the production, sale, and distribution 'ketoprofen' and 'aceclofenac', along with their formulations, for animal use are prohibited under section 26A of the Drugs and Cosmetics Act, 1940.
- The recommendation for this ban was made by the Drugs Technical Advisory Board (DTAB).
- DTAB is the apex authority for making statutory decisions on technical drug-related matters in India.

#### RVNL, Russian partner to build 120 Vande Bharat trains

A joint venture between public sector company Rail Vikas Nigam Ltd (RVNL) and Russian company Metrowagonmash is on course to manufacture and supply around 120 Vande **Bharat trains** to Indian Railways, at a cost of ₹120 crore per train.









- The RVNL wants a larger share of 69%, leaving 26% for Metrowagonmash and 5% for a third partner, Locomotive Electronic Systems.
- Blue-and-white trains, with AC, are expected to be manufactured at a railway factory in Maharashtra.

#### Anti-dumping duty on optical fibre imports from China, Korea, and Indonesia

- The **Finance Ministry** has imposed a definitive anti-dumping duty on certain optical fibre imports from China, South Korea and Indonesia.
- **Aim**: To give some relief to the domestic optical fibre industry reeling under the adverse impact of low-price and low-quality imports.
- The anti-dumping duty ranges from \$122 per kfkm to \$857.23 per kfkm, with the commodity being traded in fkm (fibre kilometres).
- Optical fibres are used to transmit data in the form of light pulses.

#### India hands over 450 million for Sri Lanka **Unique Digital Identity project**

- India has handed over INR 450 million in advance to Sri Lanka to fund its unique digital identity project in Aug 2023.
- It is the most crucial step in the island nation's digitalization program being implemented through the Indian grant assistance.
- Aims: To collect biographic and biometric information which will be stored in a centralised system to issue identification cards as per the standards set by the International Civil Aviation Organisation)

#### Nirmala Sitharaman laid foundation stone for Adichanallur museum

- Union Finance Minister Nirmala Sitharaman laid the foundation stone for an archeological museum at Adichanallur in Tamil Nadu in August 2023.
- **Objective**: To focus on establishing the significance of the archaeological sites identified as part of the cultural landscape of the Thamirabarani valley, not limiting to the site of Adichanallur.
- Adichanallur was one of the five archaeological sites declared to be developed as 'Iconic Sites' in the Union Budget 2020-21.

Meri Mati Mera Desh" campaign launched to pay tribute to the 'Veers'

- The nationwide campaign "Meri Mati Mera Desh" Campaign has been launched to pay tribute to the 'Veers' who laid down their lives for the country.
- AIM: It will include programs at the village, and block levels, by local urban bodies, as well as state and national level.
- During the campaign of "Meri Mati Mera Desh", an Amrit Kalash Yatra will also be taken out.
- It will start on 9th August, with scheduled programs until Independence Day 2023.

#### World Trade Organization ranks India 18th in merchandise exports 2022

- According to the **World Trade Statistical** Review 2023, the annual flagship publication of the World Trade Organization (WTO), India is ranked 18th among the Leading exporters in world merchandise trade (2022).
- On a global scale, India holds the 9th spot in merchandise importing and ranks 7th in merchandise exporting (2022).
- The leading exporters in world merchandise trade for the year 2022 are China, the USA, and Germany, occupying the top three positions.

#### Centre approves establishment of new spaceport in Kulasekarapattinam

- Minister of State Science & Technology Jitendra **Singh** has **approved** the establishment of a new spaceport in Kulasekarapattinam, Tamil Nadu in August 2023.
- **Aims**: To carrying out the launches of the Small Satellite Launch Vehicles developed by ISRO.
- The Indian Space Policy 2023 has the provision for utilisation of a spaceport for carrying out launch activities by Non-Government Entities, subject to technical feasibility and range safety constraints.

#### India committed to eliminating Lymphatic filariasis by 2027

- Health Minister. Mansukh Mandaviya, declared the goal of suppressing Lymphatic Filariasis by 2027 during the inauguration of the second phase of the Annual Nationwide Mass Drug Administration initiative.
- The **second phase**, **targeting** 81 **districts** across nine endemic states, including Assam and Uttar Pradesh.
- He highlighted the "Whole of Government" and "Whole of Society" approach as pivotal to successfully eliminating the disease.











#### Telangana launched India's first Agricultural Data Exchange and ADMF.

- Telangana IT and Industries Minister K Taraka Ramarao launched India's first Agricultural Data Exchange (ADeX) and Agriculture Data Management Framework (ADMF) **Hyderabad in August 2023.**\
- The ADeX has been developed as a **digital public infrastructure (DPI)** for the agriculture sector.
- Aims: To ensure fair and efficient usage of agricultural data by the industry and startups and provide a big boost to the data economy specifically in the agriculture sector.

#### CM Solar Mission launched in power deficit Meghalaya

- Meghalaya Chief Minister Conrad K Sangma launched the Rs 500 crore Chief Minister's Solar Mission for minimizing the power deficit in this northeastern hill state in August 2023.
- The **mission** will be a flagship Renewable Energy intervention committed to fostering green and clean energy transformation across the state.
- The mission will begin a new era of resilience, independence, and green progress for Meghalaya.

#### NCLT Approves \$10 Billion Mega-Merger **Between Zee and Sony**

- The National Company Law Tribunal approved the merger scheme of India's homegrown entertainment company Zee Entertainment **Enterprises with Culver Max Entertainment in** Aug 2023.
- **Aim**: To create a \$10-billion Indian media giant.
- ZEE will have 30 days to file with the registrar of companies, following which, the shares of the company will be de-listed from the stock exchanges and the merged company will get relisted in another six weeks.

#### IEPFA and Common Service Centre (CSC) launches "Niveshak Sarathi" Vans

- Investor Education and Protection Fund Authority (IEPFA) CEO Anita Shah Akella and Common Service Centre (CSC) launched two Investor Awareness Vans titled "Niveshak Sarathi"
- Theme: From Unawareness to Financial Independence.
- **Aims**: To disseminate crucial financial education and raise awareness against fraudulent schemes across the Delhi NCR region.

These vans are equipped with a TV screen running "Hisab Ki Kitab," developed by IEPFA.

#### Narendra Modi lays foundation of Sant Ravidas temple in Madhya Pradesh

- PM Narendra Modi laid the foundation stone for a temple-cum-memorial for Sant Ravidas along with that also inaugurated developmental works which are worth Rs 4,000 crore in Madhya Pradesh in Aug 2023
- The memorial is steeped in the spirit of 'Samrasta' as the soil of more than 20,000 villages and 300 rivers have been used in it
- Sant Ravidas was an Indian mystic poet-saint of the bhakti movement and founder of the Ravidassia religion during the 15th to 16th century CE.

#### India celebrates 77th Independence Day

- **India** is celebrating its 77th Independence Day on August 15, 2023.
- PM Narendra Modi addressed the nation from the ramparts of the Red Fort in Delhi and unfurled the national flag.
- This year, the theme is 'Nation First, Always First' under the 'Azadi Ka Amrit Mahotsav' celebration.
- This year, around 1,800 special guests from various sections of society were invited to witness the ceremony.

#### Telangana govt announces farm loan waiver up to Rs 99999

- Telangana government has announced a farm loan waiver of up to 99 thousand 999 in August 2023.
- It will be cleared within the next **45 days**.
- The Government has released over 5,800 crore rupees towards this end which will benefit over 9 lakh farmers.
- The amount will be transferred directly into loan accounts of farmers. With the latest decision, farm loans up to 99,999, amounting to 7753.43 crore rupees, of over 16 lakh 66 thousand farmers will be cleared.

#### CM Ashok Gehlot launches free food packet scheme

Rajasthan Chief Minister Ashok Gehlot Mukhyamantri launched the Nishulk Annapurna Food Packet Scheme on the occasion of Independence Day.









- Under the scheme, families covered under the National Food Security Act (NFSA) will get the Annapurna food packets every month from the fair price shops (FPS) for free.
- Each packet will contain one kg each of gram pulses, sugar and iodized salt, one litre soybean refined edible oil, 100 gram each of chili powder and coriander powder.

#### A-HELP' Programme and Infertility Camp launched by Parshottam Rupala

- The Union Minister for Animal Husbandry and Dairying, Parshottam Rupala has unveiled the 'A-HELP' (Accredited Agent for Health and Extension of Livestock Production) along with an Infertility Camp in Gujarat.
- Gov is leading these initiatives as part of the Pashudhan Jagrati Abhiyaan under Inclusive Development.
- **Objective**: To mark a significant stride towards empowering women, enhancing productivity, and advancing the socio-economic landscape of the region.

#### In a first in India, Goa to give free IVF treatment in govt hospital

- Goa has become the first Indian state to offer free in vitro fertilization (IVF) treatment.
- Chief Minister Pramod Sawant inaugurated the Assisted reproductive technology (ART) and intrauterine insemination (IUI), at the Goa Medical College (GMC) in Bambolim.

#### **About IVF**

It's one of the more widely known types of ART IVF works by using a combination of medicines and surgical procedures to help sperm fertilize an egg and help the fertilized egg implant in your uterus.

#### 1st crude oil transaction in local currency undertaken between India-UAE

- The first-ever crude oil transaction under the implemented Local Settlement (LCS) system took place between Abu Dhabi National Oil Company and Indian Oil Corporation Limited.
- Both Indian Rupees and UAE Dirhams were used for the transaction.
- India and UAE have a strong oil and gas relationship and the UAE is a key partner for India's energy security.

UAE is the fourth largest source of crude oil and the second largest source of LNG and LPG for India.

#### Chennai-based Agnikul Cosmos begins integration of its first satellite

- Chennai-based space tech startup Agnikul Cosmos has launched its first small satellite rocket, named Agnibaan SOrTeD, with its private launchpad at the Satish Dhawan Space Centre in Sriharikota.
- The rocket is driven by Agnikul's patented Agnilet engine, which is a 3D-printed, single-piece, 6 kN semi-cryogenic engine.
- These flight events have been configured to validate key technologies integral to the success of the company's upcoming orbital flights.

#### Modi Cabinet approves 'PM-eBus Sewa' for augmenting city bus operations

- The union cabinet approved 'PM-eBus Sewa' for augmenting city bus operations under which 10,000 e-buses will be deployed across cities in the country.
- **Aim**: To improve public transport in cities and is also in line with India's objectives concerning climate change
- Rs 57,613 crores will be spent on this project and around 10,000 new electric buses will be provided across the country.
- Under this scheme, priority will be given to cities not having organized bus services.

#### Maharashtra Government Launches Bhagwan Birsa Munda Jodaraste Scheme

- The Maharashtra cabinet decided to implement the Bhagwan Birsa Munda Jodaraste Scheme in Maharashtra to connect all tribal villages in 17 districts of the state with main roads.
- The project is estimated to cost Rs 5,000 crore and nearly 6,838 km of roads will be constructed as part of the scheme.
- In the Budget Session, Deputy CM and Finance Minister Devendra Fadnavis announced the implementation of the scheme to connect all the tribal padas by perennial roads.

#### Sachin to be National Icon for voter awarenes and Education for EC of India

Bharat Ratna awardee Sachin Tendulkar would begin a new inning as the 'National Icon'











#### for voter awareness and education for the election commission of India.

- MoU will be signed with Sachin for a period of three years in the presence of Chief Election Commissioner Rajiv Kumar in New Delhi.
- Aim: To bridge the gap between citizens, especially youth and urban populations, and the electoral process thereby, trying to address the challenges of urban and youth apathy.

#### India becomes first nation to reach South Pole of Moon as Chandrayaan-3

- **India** has **created history** as it became the **first** country to land (Vikram Lander) on the South Pole of the lunar surface on 23rd August 2023.
- The Lander Module comprising the lander (Vikram) and the rover (Pragyan), landed on
- **Aim**: To study the composition of the lunar soil and probe for water and ice, while listening for small seismic tremors.
- India was the fourth nation to succeed at the task after the United States, the Soviet Union, and China.

#### Kerala launches its first AI school in **Thiruvananthapuram**

- Former (14th) President Ram Nath Kovind inaugurated Kerala's first AI (Artificial intelligence) school at Santhigiri Vidyabhavan in Thiruvananthapuram.
- It is an innovative learning method that ensures international standards and quality learning opportunities for students with the help of artificial intelligence technology.
- It is designed and molded by one of the world's most advanced educational platforms iLearning Engines USA in collaboration with Vedhik eSchool.

#### NTCA approved India's 54th tiger reserve in Rajasthan.

- National Tiger Conservation Authority approved India's 54th tiger reserve in Rajasthan's Karauli and Dholpur districts
- This is Rajasthan's fifth tiger reserve after Ranthambore, Sariska, Mukundra Hills, and Ramgarh Vishdhari.
- The number of tigers in India has increased from 2,967 in 2018 to 3,682 in 2022, an annual rise of 6%

- The number of tigers in **Rajasthan has increased** from 32 in 2006 to 88 in 2022
- Madhya Pradesh has the maximum number of tigers in the country (785).

#### GeM crosses one lakh crore rupees Gross Merchandise Value in FY 23-24

- Government e-Marketplace, GeM has crossed **one** lakh crore rupees Gross Merchandise Value in the current financial year 23-24.
- The average GMV per day has also witnessed growth from INR 412 crore per day in FY 22-23 to INR 690 crore per day in FY 23-24.

#### **About GeM:**

- It is an online platform for the procurement of goods and services by government departments, public sector units, and other agencies.
- It is working towards promoting the Make in India initiative.

#### ISRO's Next Moon Mission In Collaboration With Japan Gathers Steam

- **ISRO** is preparing for one more lunar mission, in collaboration with the Japanese space agency, JAXA.
- This mission, called LUPEX, or Lunar Polar **Exploration**, is slated for 2024-25.
- **Aim**: To explore lunar polar region suitability for establishing a base on the Moon for sustainable activities; obtaining knowledge regarding the availability of lunar water-ice resources, and demonstrating lunar and planetary surface exploration technologies such as vehicular transport.

#### Bhaderwah Rajma & Ramban Sulai Honey of Jammu and Kashmir get GI Tag

- Two world-famous local specialty products of Jammu and Kashmir, namely Bhaderwah Rajma and Ramban Sulai Honev have earned coveted Geographical Indication (GI) Tag.
- The process for GI Tagging of these products was initiated by the Department of Agriculture & Farmers Welfare, Jammu.

GI tagging will also promote the economic prosperity of locals in the geographical territory and will act as a tool for social economic growth of the producer.











#### **International Affairs**

#### Russia Launches Islamic Banking Pilot Program

- Russia is set to embark on a historic journey by launching its first Islamic banking pilot program on September 1. With a considerable Muslim population of approximately 25 million, the move aims to tap into the potential of Islamic finance, which has already had a presence through institutions but lacked official recognition...
- **Islamic Banking**: Core Principles and Distinctive Features
- 1) Asset-based Model and Partnership Structure:
- 2) Prohibition of Speculation and Risky Transactions:
- 3) Shariah Compliance and Ethical Framework:

#### **ORON Aircraft**

- 1) Israel's Defense Ministry's ORON aircraft signifies a leap in military prowess. The Gulfstream G550 Aerospace-based spy plane integrates advanced sensors, AI, and C4I systems.
- 2) intelligence-gathering aircraft is poised to revolutionize Israel's defense strategy with its cutting-edge technology and capabilities.

#### **Kampala Ministerial Declaration**

- The Kampala Ministerial Declaration on Migration, Environment, and Climate Change (KDMECC) is a significant agreement adopted by 48 African countries to address the complex relationship between human mobility and climate change
- The Internal Displacement Monitoring Centre reported over 7.5 million new internal disaster displacements in Africa last year alone.

#### first Indian prime minister to visit Greece

- Indian Prime Minister Narendra Modi embarked on a landmark visit to Greece, marking a significant diplomatic milestone as he became the first Indian Prime Minister to set foot in the country in 40 years. This visit is aimed at fortifying the bilateral relationship between India and Greece, and it comes at the invitation of Greek Prime Minister Kyriakos Mitsotakis.
- The last time a sitting Indian Prime Minister visited Greece was in September 1983, when Prime Minister Indira Gandhi undertook a significant trip to the nation.

#### frontier AI models

- OpenAI, Microsoft, Google, and Anthropic have teamed up to create the Frontier Model Forum, aiming to regulate the development of large machine learning models, particularly "frontier AI models" that surpass current advanced capabilities.
- These foundation models pose potential risks to public safety, and the forum will focus on ensuring their safe and responsible development, collaborating with policymakers, academics, and companies to advance AI safety research and establish best practices for deploying such models

#### **Cleanup to Clean energy**

- As part of its 'Cleanup to Clean energy' plan, the US government has announced that it will transform Cold War sites into largest solar power project.
- Formerly employed for atomic bomb development, these sites are now positioned to significantly contribute to promoting clean energy initiatives throughout the United States.

#### Global initiative on digital health

- The Global Initiative on Digital Health (GIDH) is a WHO managed network of stakeholders organized to facilitate the implementation of the Global Strategy on Digital Health 2020-2025 and other WHO norms and standards for Digital Health System Transformation.
- The Initiative will serve as a platform to enable a wide global ecosystem to work collectively to promote country capacity and strengthen international cooperation in digital health.

### **Aviation Cooperation Between India and New Zealand**

- India and New Zealand signed a Memorandum of Understanding (MoU) to boost cooperation in civil aviation.
- Furthermore, a meeting took place between the Agriculture Ministers of both countries, where they not only reaffirmed their commitment to boost agricultural collaboration and invited India to join the Global Research Alliance(GRA).

**China Releases a Map Asserting Territorial Claims** 









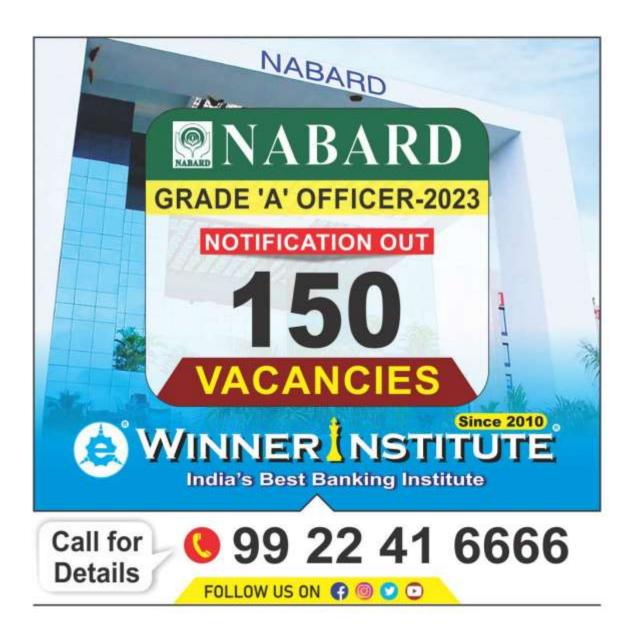


- China's government recently unveiled the "2023 edition of the standard map of China," reaffirming its territorial claims over disputed regions.
- The release of the map coincides with China's "National Mapping **Awareness Publicity** Week," which emphasizes the significance of accurate and consistent mapping.
- The map incorporates China's territorial claims, encompassing Arunachal Pradesh and the Aksai Chin Region.

#### 20th **ASEAN-India Economic** Ministers' Meeting

The 20th ASEAN-India Economic Ministers' meeting was held in Semarang, Indonesia, marking a significant step in enhancing economic cooperation between India and the ASEAN member countries.

The bilateral trade between India and ASEAN in 2022-23 amounted to USD 131.5 billion, constituting 11.3% of India's global trade for the same period













#### **Books and Authors**

#### Sabka Sath, Sabka Vikas, Sabka Vishwas."

 Anurag Thakur and Madhya Pradesh's CM Shivraj S. Chauhan released books based on the speeches of Prime Minister Narendra Modi titled "Sabka Sath, Sabka Vikas, Sabka Vishwas."

#### Pitchside: My Life in Indian Cricket

- A book titled 'Pitchside: My Life in Indian Cricket' by long-term cricket administrator Amrit Mathur. In the book, Mr. Mathur brings alive insightful firstperson accounts of some of Indian Cricket's most memorable moments.
- Mr. Mathur was the manager of the India team on the historic tour of South Africa in 1992. Later, he was part of PILCOM, the organising committee for the 1996 Cricket World Cup, also Chief Operating Officer of the Delhi Daredevils and General Manager of BCCI.

# Heritage Trees of Goa', 'When Parallel Lines Meet'...'My Dear Poems'.

- Goa governor PS Sreedharan Pillai released three books at a function held at the Raj Bhavan. His recently authored three new books namely 'Heritage Trees of Goa', 'When Parallel Lines Meet', and 'Ente Priya Kavithakal' ('My Dear Poems' a collection of poems).
- Pillai was the first Governor to undertake and complete the Goa Sampurna Yatra, encompassing over 400 villages across 40 assembly constituencies.

#### The Life, Vision and Songs of Kabir"

• The book, "Drunk on Love: The Life, Vision and Songs of Kabir", published by HarperCollins India and written by writer-singer Vipul Rikhi, presents the 15th-century poet, as he is described, quoted, and loved in popular imagination. A new book aims to capture the life of mystic poet Kabir through popular legends, his vision and his poetry that has been quoted and translated extensively.

#### Monsoon: A Poem of Love and Longing",

 Indian poet diplomat Abhay Kumar (Abhay K),
 Deputy Director General of Indian Council of Cultural Relations (ICCR), launched his new book titled "Monsoon: A Poem of Love and Longing", a booklength poem running across 150 fourline stanzas, at Kathika Culture Centre in Old Delhi, Delhi. The book was published by Sahitya Akademi on the occasion of its 68th anniversary (13th March 2022). The book is a poem that follows the monsoon which originates from Madagascar and travels to the Srinagar in the Himalayas and back to Madagascar.

#### **How Prime Ministers Decide**

 A new book, titled How Prime Ministers Decide, by veteran journalist Neerja Chowdhury recalls the drama that led to Sonia's announcement, prompted by Rahul's "fear for his mother's life". A new book also claimed that former Prime Minister Indira Gandhi had good relations with several RSS leaders but carefully kept a distance between the organisation and herself.

#### Kargil: Ek Yatri Ki Jubani"

- Ajay Bhatt, Minister of State (MoS), Ministry of Defence (MoD), released the book and illustrations titled "Kargil: Ek Yatri Ki Jubani" (Hindi Edition) authored by Rishi Raj at the Constitution Club of India, New Delhi, Delhi. The book which pays tribute to the Martyrs of Kargil War was published by Prabhat Prakashan
- The book portrays the lives of all the 527 soldiers, who laid down their lives for our nation in the Kargil War. The book highlights the importance of the Kargil Vijay Diwas and giving rich tributes to the brave soldiers.

#### Festival of Libraries 2023

- Festival of Libraries 2023" to be Inaugurated by the President of India Smt. Droupadi Murmu at Pragati Maidan, New Delhi.
- Festival is in Line with Prime Minister's Vision to Foster Development and Digitization of Libraries and Cultivate a Culture of Reading

This festival is a part of the second phase of the 'Azadi ka Amrit Mahotsav' and is in line with the Prime Minister's vision to foster the development and digitization of libraries and cultivate a culture of reading in India.











#### **Summit and Conference**

#### **BRICS Summit 2023**

- The 2023 BRICS summit was the fifteenth annual BRICS summit, an international relations conference attended by the heads of state or heads of government of the five member states: Brazil, Russia, India, China, and South
- South African President Cyril Ramaphosa also invited the leaders of **67 countries** to the summit.
- The original acronym "BRIC", or "the BRICs", was coined in 2001 by Goldman Sachs economist

#### **BRICS Expansion**

- Several countries have expressed interest in joining the BRICS group.
- At the summit, South African President Cyril Ramaphosa announced that Argentina, Egypt, Ethiopia, Iran, Saudi Arabia, and the United Arab Emirates have been invited to join the bloc. Full membership will take effect on 1 January 2024.
- The BRICS encompass about 27% of the world's land surface and 42% of the global population.

#### Global IndiaAI 2023'

Ministry of Electronics and Information Technology will be organizing the Global IndiaAI 2023, scheduled for October this year. There will be participation from leading AI players, researchers, startups, and investors in India and worldwide.

#### B-20

- PM to address B20 Summit India 2023 on 27th
- Theme of the summit is R.A.I.S.E Responsible, Accelerated, Innovative, Sustainable and **Equitable Businesses.**
- The Business 20 (B20) is the official G20 dialogue forum with the global business community. Established in 2010, B20 is among the most prominent Engagement Groups in G20, with companies and business organisations as participants.

#### Global Evidence-to-Policy (E2P) Summit 2023

The Evidence-to-Policy (E2P) field is rapidly changing and evolving. Join us at the World Health Organization (WHO) Global Evidenceto-Policy (E2P) Summit 2023 from 29-31 August 2023 to delve into the exciting world of

- E2P, explore the latest developments and be part of shaping its future together.
- Celebrate the achievements of WHO's Evidence informed Policy Network (EVIPNet) and contribute to its agenda and future developments.

#### Commonwealth Parliamentary Conference

- 1) Lok Sabha Speaker, Shri Om Birla inaugurated the 19th Annual Zone III Conference of **Commonwealth Parliamentary Association (CPA)** India Region in Gangtok, Sikkim.
- 2) The Digital Parliament App and the National eVidhan Application are revolutionary steps in this direction.

#### International MSME Expo & Summit 2023

- 1) **MSME Development Forum** is organizing the **9th India International MSME Expo & Summit** 2023 from
- 10-12 August 2023 at Pragati Maidan, New Delhi,
- 2) Some of the focus sectors are **Defence**, **Railways**
- Civil Aviation, IT/ ITES, Telecom and Electronics, Evs. Parts and Electricals. Supermarket and Retail Products, Fashion, Jewellery, Cosmetics, and so forth.
- 3) This prestigious gathering, organized by the MSME Development Forum, served as a platform to foster policymakers collaboration between entrepreneurs in the Micro, Small & Medium Enterprises (MSME) sector, driving forward the nation's economic growth.

#### Traditional Medicine Global Summit

- WHO and the Ministry of Ayush to host the firstever Global Summit on Traditional Medicine.
- The highly anticipated event is set to take place on 17th-18th August at Gandhinagar, Gujarat
- The Global Summit will place India at the forefront of advancing **Traditional Medicines**:
- An array of distinguished speakers will be spearheading discussions on key focus areas, namely research, evidence and learning; policy, data and regulation; innovation and digital health; biodiversity, equity and traditional (healthcare) knowledge....











# Russia-Africa Economic and Humanitarian Summits

- 1) The **second Russia Africa summit** took place on 27-28 July in **St. Petersburg**.
  - It was called the **Russia-Africa Economic and Humanitarian**
- 2) It has announced up to **50000 MT** grain donations to six counties Burkina Faso, Zimbabwe, Mali, Somalia, Eritrea and Central African Republic soon
- 3) **Russian** producers of mineral fertilizers are prepared to double their **exports** to **Africa by 2029**.

#### Smart India Hackathon (SIH) 2023.

- Students from over 2900 schools and 2200
   Higher Education Institutions will tackle 476
   problem statements from across 53 Union
   Ministries in the finale.
- Smart India Hackathons have played an important role in inculcating the culture of product innovation, problem-solving and out-ofthe-box thinking among youth.
- **More than 15,000 students** will participate in the grand finale from across **75 centres**.
- Smart India Hackathon (SIH) was started in the year 2017. SIH is a nationwide initiative to provide students a platform to solve the pressing

problems of society, organizations, and government. It aims to inculcate the culture of product innovation, problem-solving and out-of-the-box thinking among students.

#### **G20-Digital Innovation Alliance (DIA) Summit**

- Union Minister of State for Skill Development and Entrepreneurship and Electronics and IT, Rajeev Chandrasekhar, is set to inaugurate the G20-Digital Innovation Alliance (G20-DIA) Summit in Bengaluru.
- The two-day Summit.
- A **total of 174 startups from 29 nations** will participate, presenting their solutions that address pressing human challenges through digital innovation.

#### **World Water Summit 2023**

- Energy And Environment Foundation would be organizing 7th World Water Summit 2023 on 25-26 August 2023, at New Delhi, India.
- The Summit will focus on Synergies of water security, economic prosperity, finance and technologies to deliver water solutions both for industries and utilities. The summit will bring the collective intelligence of stakeholders, exchange knowledge, latest technologies













#### **Report and Ranking**

#### **India Smart Cities Awards 2022**

- The India Smart Cities Awards 2022, organized by the Union Housing and Urban Affairs Ministry, have recognized Indore as the best city and Madhya Pradesh as the best state in the Smart Cities Mission.....
  - Best City Award: Indore has been named the best city in the India Smart Cities Awards 2022
     Best State Award: Madhya Pradesh has been recognized as the best state in the Smart Cities
  - Mission.....

    3) Second Best City: Surat secured the second position among the smart cities for its notable efforts in urban development.
- Third Best City: Agra claimed the third spot for its initiatives contributing to the Smart Cities Mission

#### Swachh Vayu Sarvekshan-2023:

- The city of Indore has clinched the top spot in the Swachh Vayu Sarvekshan -2023 conducted by the Central Pollution Control Board, in the category of cities with a population exceeding 10 lakhs......
- Indore's remarkable performance was underpinned by its impressive score of 187 out of 200, a testament to its robust and comprehensive measures for environmental preservation. Bhopal secured a respectable fifth position with a score of 181, while Jabalpur and Gwalior secured the 13th and 41st positions with scores of 172 and 114, respectively. These rankings mirror the concerted efforts undertaken by these cities to combat pollution and enhance their environmental footprint.

The top five positions among cities with a population exceeding 10 lakhs:-

Rank	Population Category	City
1st	>10 lakhs	Indore
2 <sup>nd</sup>	>10 lakhs	Agra
3 <sup>rd</sup>	>10 lakhs	Thane
4 <sup>th</sup>	>10 lakhs	Srinagar
5 <sup>th</sup>	>10 lakhs	Bhopal

Maharashtra Leads Fiscal Health Report, Chhattisgarh Surprises at Second Place  Maharashtra has emerged as the front-runner in the Fiscal Health Report, showcasing commendable financial stability. Surprisingly, Chhattisgarh, a state often associated with economic challenges, secured an unexpected second position in the rankings......

#### **Internet Resilience Index (IRI):**

- 1) India, a rapidly developing nation in the realm of technology and connectivity, has achieved an overall score of 43 percent in the Internet Resilience Index (IRI). This achievement positions India as the sixth-ranked country in the South Asian region.
- 2) Established in 1992, the Internet Society (ISOC) is a non-profit advocacy organization based in the United States. Its objective is to advance the open growth, progression, and utilization of the Internet to serve the best interests of people worldwide..

# Top 5 countries in the Internet Resilience Index (IRI):

Rank	Country	Internet Resilience Index	
1	Bhutan	58 Percent	
2	Bangladesh	51 Percent	
3	Maldives	50 Percent	
4	Sri Lanka	47 Percent	
5	Nepal	43 Percent	

#### Pradhan Mantri Jan Dhan Yojana

- The Pradhan Mantri Jan Dhan Yojana (PMMY)
  has emerged as a significant tool in driving
  financial inclusion and empowering individuals
  across India. As per the statistics provided by the
  Finance Ministry for the fiscal year 2022-23, a
  total of 6.23 crore Jan Dhan accounts were
  initiated as part of this initiative....
- Key aspects of PMJDY encompass a Rs. 5,000 overdraft provision for accounts linked to Aadhar, along with a RuPay debit card offering accident insurance coverage of up to Rs. 1 lakh
- Furthermore, accounts opened between August 15, 2014, and January 26, 2015, are eligible for a Rupees 30,000 Life Insurance benefit for qualified beneficiaries......











Pradhan Mantri Jan Dhan Yojana (PMJDY) was launched on: 28th August 2014..

#### Pradhan Mantri Jan Dhan Yojana Beneficiaries: **Leading States**

State	Rank	Beneficiary	Fiscal	Scheme
		Count	Year	Impact
Bihar	1st	84,89,231	2022-	Exemplary
		individuals	23	success,
				underscores
				scheme
				triumph,
				inclusive
				growth
Uttar	2nd	68,08,721	2022-	Penetration
Pradesh		individuals	23	in populous
				regions,
				financial
				stability,
				self-
				sufficiency
Tamil	3rd	64,06,513	2022-	Impact in
Nadu		individuals	23	developed
				economic
				landscape,
				widespread
				scheme
				reach

#### **World rice price index**

- 1) As reported by the Food and Agriculture Organization (FAO), the FAO All Rice Price Index witnessed a 2.8 percent escalation in July compared to the **preceding month**.
- 2) The FAO All Rice Price Index, reached an average of 129.7 points in July which stands as the highest level observed since September 2011.
- 3) In the fiscal year 2022-23, India's exports of nonbasmati white rice amounted to USD 4.2 million, a notable increase from the previous USD 2.62 million. Noteworthy year's destinations for India's nonbasmati white rice exports encompass the US, Thailand, Italy, Spain, and Sri Lanka.

#### Look Forward: India's Moment,"

- 1) S&P Global's report, titled "Look Forward: India's Moment," projects India's economic growth trajectory from fiscal year 2023-24 (FY24) to FY31.
- 2) Remain the fastest-growing large economy, with an expected GDP growth rate of 6% in FY24.....

3) The report envisions India's GDP to reach \$6.7 trillion by FY31, and per capita GDP to rise to approximately \$4,500.

#### Fortune Global 500 list (Billionaire List)

- 1) Billionaire Mukesh Ambani's Reliance **Industries** has maintained its **highest ranking** among Indian corporates in the latest Fortune Global 500 list, jumping 16 places to rank at number 88. Reliance was ranked at number 104 in the 2022 ranking and in the 2023 ranking it is placed at number 88, according to the publication.
- 2) Life Insurance Corporation of India (LIC) slipped nine places to rank at 107. Oil and Natural Gas Corporation (number 158), Bharat Petroleum Corporation Ltd (number 233), and State Bank of India (number 235) were the other state-owned firms on the list.
- 3) **Tata Motors rose 33** places to rank at number 337 and Rajesh Exports jumped 84 spots to number 353.
- 4) It is now the **20th year of Reliance being** a part of the Fortune Global 500 list - much longer than any other private sector company in India.
- 5) Fortune Global 500 list ranks companies by total revenues for their respective fiscal years ended on or before March 31, 2023.

#### **Global Wild Tiger Population**

- 1) In 1973, the Government of India launched Project Tiger,
- 2) Almost 75% of the world's wild tiger population
- 3) 53 reserves spread across 75,796 km2, effectively covering 2.3% of India's total land area.
- 4) Estimated tiger population of, 3925 with an Annual growth rate of **6.1%** per annum.

State	Tiger Population
Madhya Pradesh	785
Karnataka	563
Uttarakhand	560
Maharashtra	444

#### G-20 On Fossil Fuel

- A recent report by the International Institute for Sustainable Development (IISD) has revealed that G20 governments collectively provided \$1.4 trillion in subsidies, investments..
- This massive support perpetuates the world's dependence on fossil fuels, risking further energy











- crises due to market volatility and geopolitical risks.....
- The report suggests redirecting financial resources away from fossil fuels towards targeted support for social protection and the expansion of clean energy.

#### **Plastic Overshoot Day Report**

- According to research by Earth Action (EA), nearly 68,642,999 tonnes of additional plastic waste will end up in nature this year
- EA's report reveals that 52% of the world's mismanaged plastic waste comes from 12 countries, including India, China, Brazil,

- Indonesia, Thailand, Russia, Mexico, the United States, Saudi Arabia, the Democratic Republic of Congo, Iran, and Kazakhstan.
- India experienced its Plastic Overshoot Day on January 6, 2023, highlighting the urgency to address plastic waste management in the country. According to EA's Mismanaged Waste Index (MWI), India ranks fourth, with 98.55% of its generated waste being mismanaged, signifying a significant gap between plastic production and waste management capacity.

In March 2022, the world agreed to develop a comprehensive global treaty on plastic pollution, known as the **UN Plastic Treaty**.













#### **Sports**

#### Sangampreet Singh, Avneet Kaur clinch gold medals in World University Games

- Indian archers Sangampreet Singh Bisla and Avneet Kaur bagged gold medals each in the individual events in World University Games 2023 in China
- Indian archers defeated South Africa's de Klerk in a finale.
- India bagged a total of nine gold, three silver, andv5 bronze medals, securing **fourth position**.
- China with 17 gold, 5 silver, and 4 bronze medals, followed by Korea with 10 gold, 10 silver, and 5 bronze medals, and Japan with 10 gold, 6 silver, and 7 bronze medals.

#### India won gold in mixed team archery at **World University Games 2023**

- At the World University Games 2023 in China, Indian archery Aman Saini and Pragati, secured a gold medal in the mixed archery team.
- They defeat Korea's Sua Cho and Seunghyun Park to claim the top spot on the podium.
- Presently, India holds the fourth position in the overall medal standings.
- The bronze medal in the compound team event was secured by Ming-ching Lin and Z-wei Wu from Chinese Taipei.
- Indians won two more medals in archery in men's and women's team events.

#### Aditi Swami becomes 1st Indian to win individual World Title at WAC 2023

- Indian archer, Aditi Swami has become the firstever Indian to clinch the individual World Title at the World Archery Championships final 2023 in Berlin.
- In the final, she defeated Andrea Becerra of Mexico, 149-147 in the summit clash of the compound women's event.
- Conversely, India's Ojas Deotale also created history after defeating Lukasz Przybylski of Poland in a thrilling final to become the new Men's Individual world champion in compound event.

#### SAI launches short movie series 'Halla Bol'

Sports Authority of India (SAI) under the Umbrella Campaign 'Cheer4India' has launched

- a short movie series 'Halla Bol' on the journey of Asian Games-bound athletes.
- Aim: To motivate them for Hangzhou Asian Games and spread awareness about the upcoming Asian
- This initiative will also motivate youngsters in the country to take up sports.
- A similar movie series, 'Olympics ki Aasha,' was launched before the Tokyo Olympics.

#### Raksha Mantri Rajnath Singh inaugurated 132nd Durand Cup in Assam

- Raksha Mantri Rajnath Singh inaugurated the opening ceremony of the 132nd Durand Cup today at SAI Stadium which marked the grand beginning of the annual football competition for the first time in the Assamese city.
- The mega event is being organized by the Indian Army in association with Assam Government and Bodo Territorial Region.
- The inaugural ceremony was followed by the opening match of the tournament between **Bodoland FC and Rajasthan United FC.**

#### 69th edition of Nehru Trophy Boat Race to be held in Kerala

- The 69th edition of the famed Nehru Trophy Boat Race 2023 would be held at the picturesque Punnamada Lake in Alappuzha district in Kerala.
- 72 boats, including 19 Chundan Valloms or Snake Boats vying for the coveted trophy, will be participating in the boat race, held every year on the second Saturday of August.
- Chief Minister of Kerala PInarayi Vijayan would inaugurate the event.
- The current champion, Pallathuruthy Boat Club from Alappuzha, has bagged the Trophy thrice

#### Indian Men's Hockey Team for bagged Asian hockey Championship trophy 2023

- The Indian hockey team defeated Malaysia and won for the fourth time at the Asian **Champions Trophy 2023** final at the Mayor Radhakrishnan Hockey Stadium in Chennai.
- With four Asian Champions Trophy titles, India is in the first spot in the history of the tournament.











- Pakistan, with three titles, is in the second spot
- Tamil Nadu Chief Minister MK Stalin lauded Team India on their Asian Champions Trophy win and announced a cash prize of ₹1.1 crore for the winning team.

#### Ministry of Youth Affairs & Sports is organizing Y20 Summit in Varanasi

- The Ministry of Youth Affairs and Sports is organizing Youth 20 Summit-2023 from 17th August to 20th August in Varanasi, Uttar Pradesh.
- The themes include Future of Work: Industry 4.0, Innovation and 21st Century Skills, Peace building and Reconciliation: Ushering in an Era of No War, and Climate Change and Disaster Risk Reduction.
- The Y20 Summit will bring together youth experts, decision-makers, and youth representatives from G20 countries.

#### **Indian wrestler Mohit Kumar becomes Under** 20 World Champion 2023

- Indian wrestler Mohit Kumar has become the Under 20 World Championship 2023 in the men's 61 Kg Freestyle category by defeating Russia's Eldar Akhmadudinovin in Jordan
- He is the fourth male wrestler from India to earn a gold medal in the U20 World Championships, following Palwinder Cheema in 2001, Ramesh Kumar in 2001.
- Jaideep won the bronze in the 74kg category
- Sagar Jaglan won the silver medal 79 kg category while Deepak Chahal won the bronze medal in 97 kg category.

#### Priya Malik bagged Gold medal at Under20 **World Wrestling Championships 2**

- Indian wrestler Priya Malik clinched a Gold medal at the 2023 U20 World Wrestling Championships (women's 76kg freestyle) in Jordan by defeating Laura Celine Kuehn of Germany.
- She became just the second woman wrestler from India to be crowned U20 world championship.
- Antim Panghal had been the first woman from India to win a junior world title in wrestling at last vear's edition.
- She has now won both the U17 2021 and 2022 and U20 world titles.

#### India gets first-ever night street racing circuit in Chennai

- Tamil Nadu government partnered with **Racing Promotions Private Limited to launch** India's first-ever night street racing circuit in India and South Asia that will be hosting a night race.
- RRPL is also the promoter of the Indian Racing League and F4 Indian Championship
- As for the track, it is a 3.5km layout, located around the Island Grounds that resides in the heart of the city.
- Minister for Youth Welfare and Sports Development Udhayanidhi Stalin has launched the circuit.

#### India wins mixed team air pistol gold in ISSF World Championship 2023, Baku

- The duo of Indian shooters, Esha Singh and Shiva Narwal, won the gold medal at the 10m air pistol mixed event in the final of the ISSF World Championship 2023 at Baku, Azerbaijan.
- The Indian duo defeated the Turkish pair of Ilayda Tarhan and Yusuf Dikec 16-10 in the final match.
- Presently, India placed second on the medals table with a gold and a bronze medal, while China is leading the tally with five gold and two bronze medals.

#### Spain beat England and won first FIFA Women's World Cup

- Spain secured their first FIFA Women's World Cup title 2023 by defeating England at the Accor Stadium in Sydney.
- Spain and Germany are now the only two nations to win both the men's and women's tournaments.
- The victory made La Roja the first team to hold the under-17, under-20 and senior world titles at the same time – and the fifth winner in nine editions of the Women's World Cup.
- Spanish captain Olga Carmona's first-half goal proved to be the difference maker.

#### Khelo India Women's League officially be known as Asmita Women's League

- Union Minister for Youth Affairs and Sports Anurag Singh has announced that the Khelo India Women's League will officially be known as Asmita Women's League.
- **ASMITA** refers to Achieving Sports Milestone by Inspiring Women Through Action.











- The Asmita Portal serves as a comprehensive resource, offering valuable insights into upcoming leagues among other features.
- It will enable any school, college, government, or private organization to host the 'Asmita Women's League.

# Amanpreet Singh clinches gold in Men's 25 metre at ISSF World Championship

- Indian shooter Amanpreet Singh won the gold medal in the Men's 25 metre standard pistol shooting event at the ISSF World Championship 2023 in Baku.
- South Korea's Gunhyeok Lee had to settle for silver while France's Kevin Chapon secured a bronze.
- In the Women's 25-meter Standard Pistol shooting event, Tiyana, Yashita Shokeen, and Kritika bagged bronze.

# Mastercard inks brand partnership with ICC for upcoming World Cup

- The International Cricket Council (ICC) has announced a sponsorship agreement with the American multinational financial services corporation, Mastercard.
- Under this deal, the brand has become a global partner for the upcoming ICC Men's Cricket World Cup 2023, which is set to be held in India from October 5 to November 19, 2023.
- The advantages are to interact with legendary cricketers, see the Men's Cricket World Cup trophy up close, and gain special access to games.

### Magnus Carlsen wins the Chess World Cup Final 2023

- The Norwegian chess grandmaster, Magnus Carlsen, won the Chess World Cup Final 2023 title for the first time, after defeating India's chess grandmaster R Praggnanandhaa in a tie-breaker.
- R Praggnanandhaa (18) was the youngest World Cup finalist ever and the youngest World Cup winner.
- He managed to secure the **Silver medal** after defeating Hikarua Nakamura and Fabiano Caruana.
- He also became the second Indian after Viswanathan Anand to enter the Chess World Cup final.

# Neeraj became first Indian to won Gold at World Athletics Championships

- Neeraj Chopra made history by winning the gold medal in the men's javelin throw (88.17 meters) event at the World Athletics Championships 2023 held in Budapest, Hungary.
- He became the first-ever Indian athlete to achieve this feat, marking a significant milestone for Indian athletics.
- Neeraj faced tough competition, notably from Pakistan's Arshad Nadeem, who secured the silver medal with a commendable throw of 87.82 meters.













#### **AWARDS**

#### PM Narendra Modi honored with Lokmanya Tilak National Award 2023

- The Lokmanya Tilak National Award 2023 in Pune will be conferred to Prime Minister Narendra Modi.
- The 41st recipient of this award will be the PM.
- Every year on 1st August, the death anniversary of Lokmanya Tilak, this award is bestowed upon individuals who have made remarkable and extraordinary contributions to the progress and development of the nation.
- To inaugurate the services of the completed second phase of the Pune Metro, the PM will flag off the metro rail.

#### Manoj Bajpayee's 'Joram' wins awards at **Durban International Film Festival**

- Manoj Bajpayee headliner Joram has won two awards at the Durban International Film Festival.
- Manoj bagged the 'Best Actor' trophy, the film's cinematographer Piyush Puty won the award for 'Best Cinematography'.
- The film is a psychological thriller about a hunted displaced man who is on the run to protect his daughter directed by Devashish Makhija.
- The film also deals with issues such as social inequalities, injustice with the tribal communities and deforestation.

#### Tamil Nadu won best State award for organ and tissue transplantation

- Tamil Nadu bagged the Best Performing State award 2023 in cadaver organ donation.
- Unioin Health Minister Mansukh Mandaviya presented the Best State Organ and Tissue Transplant Organisation award to Health Minister Ma Subramanian at the 13th Indian Organ Donation Day function held in New Delhi.
- Tamil Nadu leads all Indian states in organ donations with 1,705 people donating their organs and saving 6,247 human lives.

#### Matti banana variety granted the Geographical Indication (GI) tag

Matti banana variety, Kannivakumari district was recently granted the Geographical Indication (GI) tag.

- There are six known types of the Matti banana and they are indigenous to Kanniyakumari.
- They are known as 'Baby Banana' which flourishes mainly in Kalkulam and Vilavancode taluks.
- Its low total soluble solids content (TSSC) recommends it as a baby food.
- This GI tag is valid for 10 years following which it can be renewed.

#### Ratan Tata conferred Maharashtra's first **Udyog Ratna award**

- Veteran industrialist Ratan Tata conferred the first-ever 'Udyog Ratna' award instituted by the Maharashtra Chief Minister Eknath Shinde.
- The honour comprised a shawl, a citation and a memento from the Maharashtra Industrial Development Corporation (MIDC).
- The aim of the Maharashtra Udyog Ratna Awards is to honour those people and groups who have significantly impacted Maharashtra's business, industry, education, financial services, fashion, and other sectors.

#### Allu Arjun wins Best Actor award at 69th **National Film Awards for Pushpa**

- Allu Arjun won the Best Actor award at the 69th National Film Awards for his movie 'Pushpa: The Rise' (Directed by: Sukumar).
- Alia Bhatt and Kriti Sanon won the Best Actress award for their phenomenal roles in Gangubai Kathiawadi and Mimi, respectively.
- Other awards:
- Best Feature Film: Rocketry
- Best Director: Nikhil Mahajan (Godavari)
- Best Popular Film Providing Wholesome **Entertainment**: RRR
- Nargis Dutt Award for Best Film on National **Integration**: The Kashmir Files

#### Narendra Modi awarded 'The Grand Cross of the Order of Honour' in Greece

- Prime Minister Narendra Modi was awarded with 'The Grand Cross of the Order of Honour' by Greek President Katerina Sakellaropoulou.
- This is the second-highest civilian honour in Greece.











The Greek State Honours the Prime Minister of India, a statesman who has tirelessly promoted the global reach of his country and who works systematically for India's economic progress and prosperity, bringing about bold reforms.













#### **Appointments**

- 1. Professor Ganesan Kannabiran has been appointed as the new Director of the National Assessment and Accreditation Council (NAAC). He is a senior professor of Information Systems at the National Institute of **Technology** Tiruchirappalli.
- 2. Shivendra Nath has been appointed as the Chairman and Managing Director (CMD) of Engineering Projects (India) Ltd., a public sector undertaking (PSU) under the Ministry of Heavy **Industries and Public Enterprises.**

Currently, he is serving as the senior general manager in Bharat Sanchar Nigam Limited (BSNL).

- 3. The Microfinance Industry Network (MFIN) has elected Udaya Kumar Hebbar, MD & CEO of CreditAccess Grameen Ltd, as its new Chairperson and Manoj Kumar Nambiar, MD of Arohan Financial Services Ltd, as the Vice Chairperson in its 14th Annual General Meeting (AGM) in Delhi.
- Udaya Kumar Hebbar has replaced Devesh Sachdev, MD & CEO of Fusion Micro Finance Ltd.
- Manoj Kumar Nambiar has replaced Vivek Tiwari, MD & CEO of Satya MicroCapital Ltd.
- **4. Vijay Kumar Saraswat**, a renowned Scientist, has been appointed as the Chairman of the Governing Board of Quantum Ecosystems Technology Council of India (QETCI), headquartered in Hyderabad, Telangana.
- He is a member of NITI Aayog and Co-Chair for the PMSTIAC (Prime Minister's Science Technology and Innovation Advisory Committee).
- He served as the Secretary of the Defence Research & Development Organization (DRDO) and the Chief Scientific Advisor to the Indian Minister of Defence.
- He has been awarded Padma Shri in 1998 and Padma Bhushan in 2013.
- 5. The Appointments Committee of the Cabinet (ACC) has approved a one-year extension for Ajay Kumar Bhalla as Union Home Secretary, Ministry of Home Affairs beyond 22nd August 2023, up to 22nd August 2024. This is his 4th extension in the post. He is a senior IAS officer of 1984 batch, from Assam Meghalaya cadre. He hails from Bihar, India.

- **6.** The **Appointments Committee of the Cabinet** (ACC) has granted a one-year extension to Cabinet Secretary Rajiv Gauba, by making him the longestserving cabinet secretary in India's history. He has been granted an extension for the third time to the post. He has been given extension for a further period of one year beyond 30th August 2023. He is a 1982 batch IAS officer of Jharkhand cadre. He was first appointed as India's Cabinet secretary in 2019.
- 7. The Government of India has appointed Sanjay Kumar Agarwal as the Chairman of the Central Board of Indirect Taxes & Customs (CBIC), a part of the **Department of Revenue** under the **Ministry of** Finance.

He has succeeded Vivek Johri.

Other appointment: Surjit Bhujbal has been Member (Compliance appointed the Management) of CBIC board succeeding Sanjay Kumar Agarwal.

- **8.** The **Appointments Committee** of the **Cabinet** (ACC) has approved the proposal of the Ministry of Petroleum and Natural Gas for re-employment on a contract basis of Shrikant Madhav Vaidya, Chairman, Indian Oil Corporation Limited (IOCL) for a period of one year beyond the date of his superannuation i.e. with effect from 1st September 2023, till 31st August 2024 or till the time of appointment of the regular incumbent to the post on contract basis.
- 9. Cambodian King Norodom Sihamoni has issued a royal decree appointing Hun Manet as the new Prime Minister of Cambodia for a 5-vear term. He will succeed Hun Sen, who has ruled for about 38 years.
- **10.** The **Military Junta of the Republic of Niger** has appointed Ali Mahamane Lamine Zeine, an economist and former Minister of Finance of Niger Republic, as a transitional Prime Minister of Niger. His appointment comes over a week after mutinous soldiers toppled the country's leadership and President Mohamed Bazoum.
- 11. Indian ecologist, scientist, and Asian elephant expert Raman Sukumar has been elected as Vice-Chair of working group II (WG II) of the Intergovernmental Panel on Climate Change











(IPCC) bureau for the 7th Assessment Report (AR7) cycle.

**Working Group II** deals with impacts, adaptation, and vulnerability of climate change.

- Raman Sukumar is best known for his work on the behaviour of Asian elephants and how their presence has affected both human and natural environments.
- He hails from Chennai, Tamil Nadu.
- 12. Justice Subhash Talapatra, Judge of the Orissa High Court, has been sworn in as the 33rd Chief Justice of Orissa High Court. The oath has been administered by Prof. Ganeshi Lal, the Governor of Odisha.

**He** will **retire** on **3rd October 2023**. He has succeeded **Justice Dr S Muralidhar**.

**13. Pakistani President Arif Alvi** has approved the appointment of **Senator Anwaar-ul-Haq Kakar** as the caretaker Prime Minister of the country. He has replaced **Shehbaz Sharif**.

He has taken the oath as Pakistan's 8th interim Prime Minister, making him the country's youngest individual to assume this role.

14. England fast bowler Steven Finn has announced his retirement from all forms of cricket. He played 36 Tests, 69 One-Day Internationals and 21 T20 Internationals.

He grabbed 14 wickets during the 2010-11 Ashes series and 12 wickets in the 2015 Ashes series, which England won.

He finished with 125 wickets in Tests, 102 in ODIs and 27 in T20Is.

15. Sri Lankan all-rounder Wanindu Hasaranga has announced his retirement from Test cricket. He made his Test debut against South Africa at Centurion in 2020, and played three more Tests thereafter. His last Test was against Bangladesh in Pallekele in 2021.

He has **91 wickets** from **58 T20Is** and amassed **533** runs with a **fifty**.

16. Mahmood Ahmed, Additional Secretary, Ministry of Road Transport & Highways (MoRTH), has been assigned with the additional charge of the post of Managing Director (MD) of the National Highways and Infrastructure Development Corporation Limited (NHIDCL).

He is an Indian P&T Accounts and Finance Service (IP&TA&FS) officer of 1993-batch. He has succeeded Chanchal Kumar.

#### Other appointments:

- Anuradha Thakur has been given additional charge as the Director of Serious Fraud Investigation Office (SFIO) for a period of 6 months with effect from 31st July 2023.
- Faiz Ahmed Kidwai has been appointed as the Chief Executive Officer (CEO) of the National Rainfed Area Authority (NRAA) on an additional charge basis for a period of 9 months starting from 5th June 2023.
- 17. The Government of India (GoI) has appointed R Doraiswamy, Executive Director of LIC, as the Managing Director of Life Insurance Corporation of India (LIC). He has been appointed from the date of assumption of charge of office on or after September 1, 2023 and upto the date of his superannuation (August 31, 2026) or until further orders, whichever is earlier.

He will replace **Mini Ipe**, one of the **current MDs of LIC**, who is set to retire at the end of August 2023.

18. Pakistan fast bowler Wahab Riaz has announced his retirement from international cricket. He has played 27 Tests, 91 ODIs and 36 T20Is, picked 237 international wickets.

He last played for **Pakistan** in **December 2020**. He is at **18th** position among **Pakistan's top wickettakers** in **international cricket**, with **Wasim Akram** (916 wickets), Waqar Younis (789 wickets) and Imran Khan (544 wickets) in the top three.

- 19. Parminder Chopra has been appointed as Chairman and Managing Director (CMD) of Power Finance Corporation Limited (PFC) by Govt. of India with effect from 14th August, 2023. With this, she has become the first woman to lead PFC, India's largest NBFC and a Maharatna company under the Ministry of Power.
- **20. Bharat Petroleum Corporation Ltd. (BPCL),** an Indian Oil marketing company, has announced cricketer and current Head Coach of the **Indian cricket team Rahul Dravid** as its new brand ambassador.

He will **endorse BPCL's Pure** for Sure initiative and range of **MAK lubricants**.







**21. Abhijit Chakravorty** has taken charge as the new Managing Director (MD) and Chief Executive Officer (CEO) of SBI Card with effect from 12th August 2023. He has replaced Rama Mohan Rao Amara.

#### SBI Card:

It was launched in 1998 by the State Bank of India and GE Capital. It was incorporated as SBI Cards and Payment Services Private Limited (SBICPSL). It is headquartered in Gurgaon, Haryana.

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#### **Defence Related News**

#### China, UAE air forces to conduct first joint training FALCON Shield-2023

- Ministry of National Defense announced the air forces of China and the United Arab Emirates (UAE) will conduct a joint training exercise in Northwest China's Xinjiang Uygur autonomous region.
- According to the ministry, the exercise, Falcon Shield-2023, will be the first joint training between the two nation's air forces.
- Aims: To deepen pragmatic exchanges and cooperation between the two militaries and enhance mutual un.

#### Indian Army inducts BEL developed Swathi Mk2 radar

- Indian Army inducted the lighter and more compact version of the developed Weapon Locating Radar (WLR-M) called "Swathi Mountains."
- **Aim**: To enhance the Army's battlefield surveillance capabilities, enabling it to effectively monitor and respond to threats in mountainous regions.
- Developed by Bharat Electronics Limited (BEL) in Bengaluru, and designed for operations in mountainous and high-altitude areas, catering to the unique challenges posed by such terrains.

#### **India Defence Ministry to replace Microsoft OS** with Maya

- The **Union Ministry of Defense** has informed that the ministry would install a secure operating system (OS), indigenously developed, named Maya OS.
- This OS would replace the existing OS, 'Microsoft Windows'.
- **About Maya OS:**
- It is based on **open-source Ubuntu software**.
- It would **shield against cyber threats**, offering a familiar interface while boosting security.
- It **uses Chakravyuh**, a protective feature inspired by ancient Indian defence tactics.

#### **Indian Navy participated in Exercise Malabar** 2023 with indigenous warships.

Indian Navy's indigenous frontline warships INS Sahyadri and INS Kolkata (11-days long)

- participated in Exercise MALABAR 2023 in Australia
- Aims: To enhance and demonstrate interoperability and also gain from the best practices in maritime security operations from its partner nations.
- Ships and aircraft from the US Navy, Japan Maritime Self-Defence Force, and for the first time the Royal Australian Navy will also participate in the exercise.

#### President to launch advanced frigate Vindhyagiri in Kolkata

- President Droupadi Murmu launched the Vindhyagiri, a Project 17A Frigate of the Indian Navy at Garden Reach Shipbuilders Engineers in Kolkata in August 2023.
- Named after a mountain range in Karnataka, Vindhyagiri is the sixth ship of the Project 17A frigates.
- **About Vindhyagiri**
- It is a technologically advanced Frigate that pays a befitting tribute to the distinguished service of its predecessor, the erstwhile INS Vindhyagiri, the Leander Class ASW Frigate.

#### IAF to hold multi-national exercise 'Tarang Shakti' with world's top air

- The Indian Air Force (IAF) will hold its firstever multi-national air exercise 'Tarang Shakti', in October 2023, the biggest air exercise to be conducted in India.
- The exercise intends to strengthen military cooperation between the air forces.
- Out of 12, Six air forces will participate in the exercise, while the rest will attend the aerial drills as observers.
- The air forces of the US, the UK, France and Australia are among those likely to take part in the exercise.

#### India's first long-range revolver "Prabal" to be launched

- India's first long-range revolver 'Prabal' is to be launched in August 2023 manufactured by Advanced Weapons and Equipment India (AWEIL).
- **About Prabal**











- The Prabal revolver boasts a firing range of up to 50 metres, more than twice the reach of other revolvers.
- The Prabla revolver is light in weight and equipped with a side swing cylinder.
- It weighs 700 grams (without cartridges) in weight and its barrel length is 76 m, while its overall length is 177.6 mm.

# Government sets up high power committee to review DRDO

- Defence Minister Rajnath Singh has set up a nine-member committee of experts to overhaul the Defence Research and Development Organization (DRDO).
- The committee **headed by Prof K VijayRaghavan** to review and redefine the role of the department and submit a report within three months.

 Prof Vijay Raghavan is a former Principal Scientific Advisor to the Government of India and one of the key architects of the National Research Foundation (NRF).

# Indian Air Force participates in Exercise Bright Star-23 at Cairo Air Base

- Indian Air Force (IAF) contingent participated for the first time in Exercise BRIGHT STAR-23, a biennial multilateral tri-service exercise
- It is being held at Cairo Air Base, Egypt, from August 27 to September 16, 2023
- **Aim**: To strengthen strategic partnerships and enhance joint operational capabilities.
- **Objective**: To practice planning and execution of joint operations
- The IAF contingent will consist of five MiG-29, two IL-78, two C-130 and two C-17 aircraft.











#### **Obituaries**

- 1. Suresh Narayan Dhanorkar, also called Balubhau Dhanorkar, has recently passed away at the age of 48 in New Delhi. He was born in Yavatmal, Maharashtra.
- He was an **elected member** of the **Lok Sabha** from Chandrapur constituency, Maharashtra.
- He belonged to the Indian National Congress political party.
- He was the only candidate for INC to be elected as MP from Maharashtra.
- 2. Noted scholar, linguist, academician and writer Vellayani Arjunan has recently passed away in Thiruvananthapuram, Kerala. He was born on 10 February 1933 in Vellayani, Travancore, British
- He holds 3 Doctor of Literature (D.Litt.) degrees from three universities (Aligarh, Agra, and Jabalpur).
- He had the credit of having Post-Graduations (PGs) in Malayalam, English, and Hindi and PG diplomas in Telugu, Kannada, and Tamil.
- He was honoured by the Government of India in 2008 with the fourth highest Indian civilian award of Padma Shri.
- 3. Noted Sanskrit scholar **Ved Kumari Ghai** has recently passed away in Jammu, Jammu & Kashmir. She was born on 16th December 1931 in Pratap Garh Mohallah, Jammu.

She was head of the Sanskrit department at Jammu University. She was also a scholar in the Dogri language and also knew Hindi. She was honoured with the Padma Shri, the fourth-highest civilian award in India, in 2010.

- 4. Manoj Mishra, a noted Environmental Activist and former Indian Forest Service (IFS) officer, has passed away at the age of 68 in Bhopal, Madhya Pradesh due to COVID-19-related complications. He was born on 7th October 1954 in Mathura, Uttar Pradesh. He fought tirelessly to preserve and protect the Yamuna River and its floodplains. He also started the 'Yamuna Jiye Abhiyan'.
- 5. Renowned actress Sulochana Latkar has passed away due to prolonged respiratory illness in Mumbai, Maharashtra. She was born as Nagabai on 30th July 1928 in Khadaklat village in Belgaum, **Karnataka**. She made her debut in films in 1946.

She was awarded the **Padma Shri in 1999**. She was awarded the Filmfare Lifetime Achievement Award in 2004. In 2009, she was awarded the Maharashtra Bhushan Award by the Government of Maharashtra.

- 6. USA sprinter Jim Hines, the first man to break the 10-second barrier for the 100 metres, has recently passed away at the age of 76. He was born in September 1946 at Dumas, Arkansas, USA.
- **In 1968,** he became the **first man** to officially break the 10-second barrier in the 100 meters, and won individual and relay gold at the Mexico City Olympics. He had a share of the 4\*100 relay world record at the Mexico Olympics, securing the US team to Gold in 38.24 seconds. He retired from athletics at the end of 1968, and moved into the National Football League (NFL), and played for 2 years for the Miami Dolphins and Kansas City Chiefs.
- 7. Ama Ata Aidoo, Ghanaian author, poet, and playwright famous for her feminist ideals, has passed away at the age of 81 in Ghana, a country of western Africa. She was born in 1942 in Abeadzi **Kyiakor**, **Gold Coast** (now Ghana). She published her first play "The Dilemma of a Ghost" in 1965 and became the first African woman to publish a play. She won the Commonwealth Writers' Prize in 1992 for her novel "Changes: A Love Story".
- 8. Princess Mele Siu'ilikutapu of the Kingdom of Tonga has recently passed away in Ackland, New **Zealand** at the **age of 75**. She was **born on 12th May** 1948 in Tonga, a Polynesian country. She will be buried in Tonga at the Male's Kula Royal Tombs. She was the first elected female parliamentarian in 1975-1977 in Tonga after fifteen years of women's suffrage.
- 9. Gitanjali Aiyer, one of India's first English news presenters on national broadcaster Doordarshan (DD), has passed away at the age of 71. She was born on 29th January 1947.

She worked with **DD for over 3 decades since 1971** and was awarded the best anchor 4 times. She has been honoured with Indira Gandhi Priyadarshini Award for Outstanding Women in 1989.

10. Silvio Berlusconi, former Italian Prime Minister and the billionaire media magnet, has











recently passed away at the age of 86 in Milan, Italy. He was born on 29th September 1936 in Milan, Italy.

- He was the three-time PM of Italy serving during the period of 1994-95, 2001-06, and 2008-11.
- He was the longest serving post-war PM of Italy, and the third longest-serving since the Unification of Italy, after Benito Mussolini and Giovanni Giolitti.
- 11. Two-time Oscar winning actress and UK's former politician Glenda Jackson has recently passed away in London, UK. She was born at 151 Market Street in Birkenhead, Cheshire, on 9 May 1936. She won two Academy Awards, three Emmy Awards and a Tony Award. She was appointed CBE by Queen Elizabeth II in 1978.
- 12. Imtiaz Ahmad, an inspiring teacher and an exemplary sociologist, has recently passed away in New Delhi. He was born on 28th April 1940 in eastern Uttar Pradesh.
- He was a former Professor of political sociology at the Centre for Political Studies at Delhi's **Iawaharlal Nehru University.**
- He will be remembered for his **pioneering work on** caste among Indian Muslims.
- His book titled 'Caste and Social Stratification among Muslims in India', which was published in 1973, is a pioneering work.
- 13. American writer Cormac McCarthy has passed away at the age of 89 at his home in Santa Fe, New Mexico, the **United States of America (USA)**. He was born on 20th July 1933 in Providence, Rhode Island, USA. He was known for his graphic depictions of violence and his unique writing style, recognizable by a sparse use of punctuation and attribution.

He was awarded Pulitzer Prize for his novel "The Road" in 2007.

Notable works: Child of God; Suttree; Blood Meridian: The Stonemason: No Country for Old Men: The Road: The Sunset Limited: and Stella Maris.

14. John Bannister Goodenough, co-winner of the 2019 Nobel Prize in Chemistry for his work on the development of the Lithium-ion batteries, has recently passed away in Austin, Texas, USA. He was born in Jena, Germany, on July 25, 1922.

He shared the Nobel Prize with British-born American chemist M. Stanley Whittingham and Japanese chemist Akira Yoshino.

Books: He wrote Magnetism and the Chemical Bond (1963), Solid Oxide Fuel Cell Technology: Principles, Performance, and Operations (2009, with Kevin Huang), and an autobiography, 'Witness to Grace'.

- 15. American economist Harry Markowitz, father of modern portfolio theory (MPT), has recently passed away in San Deigo, California, the USA. He was born on 24th August 1927 in Chicago, the USA.
- He shared the Nobel Prize in Economic Sciences (1990) with Merton H. Miller and William F. Sharpe for his ideas on finance.
- He focused on combinations of assets, rather than individual securities
- He also did ground-breaking work mathematical programming and computer simulations.
- He developed **Simscript**, a language used to write simulation software.

Modern Portfolio Theory (MPT) is a practical method for selecting investments in order to maximize their overall returns within an acceptable level of risk.











#### **Days and Themes**

#### **1- August National Climbing Day**

- National Mountain Climbing Day is observed in the United States on August 1 each year.
- The day was established in 2015 to honor Bobby Matthews and his friend Josh Madigan, who successfully climbed all 46 peaks of the Adirondack Mountains in New York. The duo reached the final peak, Whiteface Mountain, on August 1, 2015.
- National Mountain Climbing Day is a day to celebrate the challenges and rewards of mountain climbing. It is also a day to raise awareness of the importance of conservation and preservation of mountain ecosystems.

#### 6 August - Hiroshima Day

- Hiroshima Day is observed on August 6 to commemorate the atomic bombing of Hiroshima, Japan, in 1945, at the end of World War II.
- The horrific incident took place on August 6, 1945, when the United States dropped an atomic bomb named "Little Boy", on the town of Hiroshima in Japan. 2023 marks the 78th anniversary of the world's first atomic bombing. The day, which is observed at the Hiroshima Peace Memorial Park, Japan, highlights the effects of nuclear wars, pays respect to those who got killed, discourages nuclear proliferation and promotes world peace.

#### 7 August - National Handloom Day

• National Handloom Day is observed on 7th August every year to honor and celebrate the handloom weavers in the country. This day highlights the rich cultural heritage and craftsmanship of traditional handloom textiles. The celebration aims to promote and support the handloom industry, which plays a crucial role in preserving the country's cultural diversity and providing livelihoods to numerous artisans. On this day, various events and programs are organized to raise awareness about the importance of supporting handloom products and recognizing the skills of the weavers who contribute significantly to India's textile heritage.

#### 8 August - Quit India Movement Day

• Quit India Movement Day is observed on 8th August every year to commemorate the launch of

the Quit India Movement on 8th August 1942 by Mahatma Gandhi. Also known as the August Movement or August Kranti, it was a significant civil disobedience movement against British colonial rule in India during World War II.

#### 9 August - Nagasaki Day

• The second atomic bomb dropped by the United States on Japan was Fat Man, which was dropped on Nagasaki on August 9, 1945. The bomb was dropped by the B-29 bomber Bockscar, commanded by Major Charles Sweeney. The bomb exploded over Nagasaki at 11:02 am local time, killing an estimated 80,000 people instantly and another 35,000 people from radiation exposure in the following months. Fat Man was a plutonium implosion bomb, and it was much more powerful than the uranium bomb that was dropped on Hiroshima. The blast from Fat Man was equivalent to 21 kilotons of TNT, which is about 13 times more powerful than the Hiroshima bomb.

#### **10 August - World Lion Day**

- World Lion Day was first established in 2013
- **World Lion Day** is observed annually on August 10 to raise awareness about the conservation issues faced by the lions.

#### 12th of August-International Youth Day

- Every year, on the 12th of August, the global community comes together to celebrate International Youth Day. This annual occasion serves as a dedicated day of awareness and action, recognized by the United Nations (UN), to address pertinent issues affecting the world's youth population.....
- The roots of International Youth Day can be traced back to 1965 when the United Nations General Assembly initiated a deliberate focus on the younger generation. ...

#### **World Elephant Day-12August**

 In 2012, Patricia Sims, a Canadian, and the Elephant Reintroduction Foundation of Thailand, led by HM Queen Sirikit, established World Elephant Day. Patricia Sims has been overseeing this initiative ever since. Collaborating with 100 elephant conservation organizations











- **globally,** World Elephant Day has touched the lives of countless people worldwide
- World Elephant Day, observed globally on August 12, is a significant event dedicated to raising awareness about the pressing challenges faced by elephants and advocating for their protection and conservation.

#### **World Organ Donation Day13August**

- World Organ Donation Day 2023 is observed on August 13, 2023.
- Every day, 22 people die while waiting for a transplant. In India, there are over 5 lakh people waiting for an organ transplant.
- The theme for World Organ Donation Day 2023 is "Step up to volunteer; need more organ donors to fill the lacunae

#### August 15, 2023

- India celebrating their 77th Independence Day on August 15, 2023. The theme for this year's celebration is "Nation First, Always First.
- The first Independence Day celebration was held in 1947. The Prime Minister of India, Jawaharlal Nehru, hoisted the national flag at the Red Fort in Delhi...
- The date of August 15 was chosen as Independence Day because it was the day that the Indian Independence Act of 1947 came into effect.

#### 19 August - World Photography Day

- World Photography Day commemorates the announcement of the daguerreotype process to the public on August 19, 1839, by the French Academy of Sciences. The daguerreotype process was one of the earliest methods of capturing permanent images on a light-sensitive surface.
- The day traces its origins to 1837 when the first ever photographic process, the 'Daguerreotype' was developed by the Frenchmen Louis Daguerre and Joseph Nicephore Niepce. On January 9, 1839, the French Academy of Sciences announced this process, and later in the same year, the French government purchased the patent for the invention and gave it as a gift, "free to the world."

#### 20 August - World Mosquito Day

• Every year, World Mosquito Day is celebrated on August 20. This is done to commemorate the contributions of British doctor Sir Ronald Ross who was the first person to discover the

- connection between malaria and female anopheline mosquitoes. Every year, World Mosquito Day is celebrated to create awareness about the dangers of mosquitoes, the ways by which we can protect ourselves from these diseases, and to rise together to combat these insects. As we gear up to celebrate this day, here are a few facts to keep in mind.
- On August 20, 1897, a British doctor made a groundbreaking discovery. Sir Ronald Ross found that female Anopheles mosquitoes transmit malaria between humans.

#### 20 August -Indian Akshay Urja Day

- Indian Akshay Urja Day is celebrated on 20
   August annually to raise awareness about the
   development of renewable energy in India. It is a
   campaign that is celebrated since 2004.
- This day commemorates the **birthday** of former **Prime Minister Rajiv Gandhi**.

#### 26 August - Women's Equality Day

- This day commemorates the passage of the 19th Amendment to the U.S. Constitution which granted the women right to vote. In 1971, the U.S. Congress officially recognized August 26 as Women's Equality Day.
- The theme for Women's Equality Day 2023 is "Embrace Equity," echoing through the strategic plan spanning from 2021 to 2026...

#### 29 August - National Sports Day

- The theme for National Sports Day 2023 celebration is "Sports are an enabler to an inclusive and fit society.
- The National Sports Day 2023 in India is celebrated on 29 August 2023. This annual observance, held on August 29 in India, is a tribute to the enduring legacy of Major Dhyan Chand. The day also serves as a reminder for all of us to recall the contributions, determination, and extraordinary achievements of the athletes and their influence in shaping societies.
- National Sports Day in India can be traced back to the birth of one of its most revered sporting legends, Major Dhyan Chand, who went on to become one of the most popular names in the game of hockey.
- Born on August 29, 1905, he started off his career with the British Indian Army regimental squad. His skills mesmerized the world, guiding India to





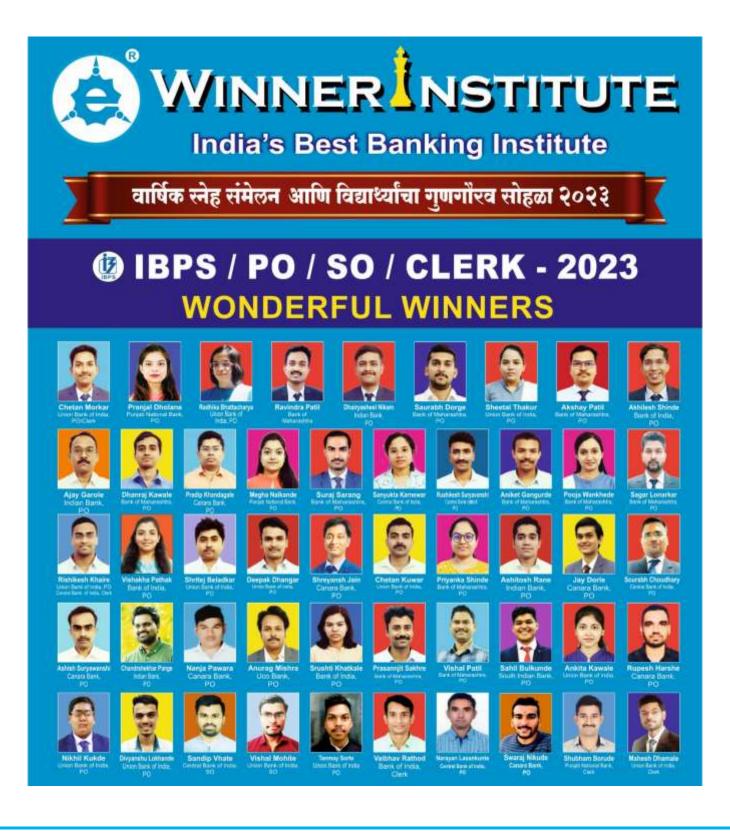


three consecutive Olympic gold medals in 1928, 1932, and 1936.

#### 31 August- Sanskrit Diwas

World Sanskrit Day, also referred to as International Sanskrit Day, Sanskrit Diwas and Vishwa Samskrita Dinam is observed on the day of Shravana Poornima in the Hindu calendar, which is also marked as Raksha Bandhan, which coincides with the moon.

This year we will be celebrating Sanskrit Diwas on Thursday, 31st August. The purpose of this day is to raise awareness and promote Sanskrit, one of Indians oldest languages. Sanskrit holds importance as it serves as the foundation, for classical texts in Philosophy, disciplines such. Literature. as Mathematics and Science.













#### **Government Schemes**

#### **Ministry of Social Justice** implements "Rashtriya Vayoshri Yojana

- Ministry of Social Justice and Empowerment is implementing the scheme of "Rashtriya Vayoshri Yojana" in August 2023.
- **Objective**: To provide the senior citizens, suffering from any of the age related disability/infirmity, with assisted living devices which can restore near normalcy in their bodily functions.
- **Scheme**: In the assessment camp, the ALIMCO identifies the beneficiaries, suffering from the age related disability, for required aids & appliances.

#### Government launched the scheme - Vivad se Vishwas-II

- Finance Minister Nirmala Sitharaman has launched the scheme, "Vivad se Vishwas 2 in the Union Budget 2023-24
- **Aims**: To resolve the govt's contractual disputes with private parties, clear the backlog of litigation, and improve the ease of doing business.
- **Objective**: To settle contractual disputes of government and government undertakings, wherein arbitral award is under challenge in a court, a voluntary settlement scheme with standardized terms will be introduced.

#### Ministry implemented 'Naya Savera' or 'Free Coaching and Allied' scheme

- The Ministry implemented the 'Naya Savera' scheme also known as 'Free Coaching and Allied' scheme.
- Aim To assist students/candidates belonging to the six minority communities namely Sikh, Jain, Muslim, Christian, Buddhist and Parsi by way of special coaching for qualifying examinations
- The coaching period under the scheme ranged from 3 months to 2 years.
- This information was given by the Minister of Minority Affairs, Smriti Zubin Irani in Lok Sabha.

#### MASI Portal for Monitoring CHILD CARE HOMES

- The National Commission for Protection of Child Rights has developed an application named MASI for real-time monitoring of the Child Care Institutions.
- **MASI stands for Monitoring App for Seamless** Inspection.

The effective and efficient functioning of the mechanism for inspection of CCIs provided under the Juvenile Justice Act, 2015 (as amended in 2021) and synchronous monitoring of the system is the rationale behind developing this comprehensive application.

#### PM Modi Launched 'Bhartiya Vastra Evam Shilp Kosh' E-Portalp

- Prime Minister Narendra Modi launched the eportal of 'Bhartiya Vastra evam Shilp Kosh' - a Repository of Textiles and Crafts developed by the National Institute of Fashion Technology (NIFT) in collaboration with the Ministry of Textiles in Delhi (August 2023).
- **Aims**: To create a comprehensive catalogue of India's diverse clothing on a single platform.
- It has a craft atlas, a cultural artefact display, and a visual museum, among other things.

#### Goa govt launches 'Gramin Mitra' scheme to promote digital empowerment

- **Goa Chief Minister Pramod Sawant launched** the flagship scheme "Gramin Mitra" in August 2023
- **Objective**: To provide doorstep delivery of government services across the state and promote digital empowerment in rural areas.
- To empower rural communities with access to information and opportunities that can transform their lives and drive socio-economic
- The program will help us accelerate the delivery of e-governance services to rural areas across the state.

#### Shivraj Chouhan Singh inaugurated Mukhyamantri Seekho-Kamao yojna scheme

- CM Shivraj Singh Chouhan inaugurated the scheme Mukhyamantri Seekho-Kamao yojna means 'Chief Minister's Learn-Earn' scheme in Madhya Pradesh.
- The scheme has facilitated on-the-job training on the lines of 'learn and earn along with skill development, and has been started for the youth in the age group of 18 to 29 yrs
- Under the scheme, the selected youth will be given training according to the requirements of the industries and also get an 8 to 10 thousand rupees stipend.









#### MP announced Ladli Behna Yojana aid hike, 35% job reservation for women

- Madhya Pradesh Chief Minister Shivraj Singh Chouhan raised the financial aid given to women in the Ladli Behna scheme from Rs 1,000 to Rs 1,250 per month.
- He also announced 35 percent reservation for them in government jobs and provided gas cylinders for Rs 450.
- Under the programme, women between the ages of 23 and 60, who do not pay income taxes and whose families make less than Rs 2.5 lakh annually, receive Rs 1,000 every month.

#### Karnataka CM Siddaramaiah launched 'Gruha Lakshmi' scheme

- The Karnataka government launched the 'Gruha Lakshmi' women's financial aid scheme in Mysuru.
- Under this scheme, about **1.1 crore women** heads of family will get ₹2,000 each at a function in Mysuru.

- 'Gruha Lakshmi' scheme is one of the five pre-poll 'guarantees' of the Congress, which ousted the BJP from power in the Karnataka Assembly election held in May.
- The government has earmarked ₹17,500 crore for 'Gruha Lakshmi' programme in the current financial year.

#### Centre announces up to Rs 50 lakh grant for technical textiles startups

- The Textiles ministry released the guidelines of the GREAT scheme (Grant for Research and **Entrepreneurship across Aspiring Innovators** in Technical Textiles), under which they will provide a grant-in-aid of up to Rs 50 lakh for startups and individuals to promote innovation in the niche technical textiles segment.
- They would grant-in-aid of up to Rs 50 lakh for up to a period of 18 months.
- Additionally, they will provide 10% of the total grant-in-aid to incubators.











### SBI Clerk Prelims (Memory Based Paper)

Directions (1-5): Read each sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error the answer is (e). (Ignore errors of punctuation, if any.)

**Q1.** Despite of the rising share of **(A)** / the Delta variant, the overall incidence in **(B)** / Germany has been steadily **(C)** / declining in recent weeks **(D)** /

(c) A

- (a) C (b) B
- (d) D (e) No Error
- **Q2.** The recently discovery of hundreds of graves **(A)**/ in Canada has put the spotlight back **(B)**/ on its dark past, when indigenous people **(C)**/ faced systemic discrimination and violence **(D)**/
- (a) A (b) B (c) C
- (d) D (e) No Error
- Q3. I would've gotten (A)/ a perfect score(B)/ accept I made (C)/ simple mistakes. (D)
- (a) D (b) C (c) B
- (d) A (e) No Error
- Q4. He lifted the nest (A)/ gently and put it in a (B)/ safety place in the (C)/ forks of the tree. (D)/
- (a) A (b) D (c) C
- (d) B (e) No Error
- **Q5.** Sometimes very terrible **(A)**/ accidents happens, **(B)**/ and many people are burned **(C)**/ and injured. **(D)**
- (a) D (b) C (c) B
- (d) A (e) No Error

Directions (6-10): In each of the questions given below a sentence is given with three words in bold. Choose the option which gives the correct sequence of these words to make the sentence grammatically and contextually correct.

- **Q6.** His **culture (A)** manners and varied **pleasant(B)**, not less than his artistic skill, **contributed(C)** to render him popular.
- (a) ACB (b) BAC (c) CAB (d) BCA (e) No rearrangement
- **Q7**. It was **fairly (A) detrimental (B)** that his prison stay, especially during the pandemic, was **obvious (C)** to his well-being
- (a) ACB (b) BAC (c) CAB (d) BCA (e) No rearrangement
- **Q8.** To make matters worse, credible reports that some of the electronic evidence **malware (A)** in this case could have been **planted (B)** remotely by **gathered (C)** were never investigated.
- (a) ACB (b) BAC (c) CAB
- (d) CBA (e) No rearrangement required
- **Q9.** We must understand mental health conditions (A) for what they are and for how they are disadvantages (B) with associated (C).
- (a) ACB (b) BAC (c) CAB
- (d) BCA (e) No rearrangement required
- **Q10.** Aviation websites are **infrastructure (A)** with reports of a rapid **abuzz (B)** of aviation **upgradation (C)** in Tibet.
- (a) ACB (b) BAC (c) CAB
- (d) BCA (e) No rearrangement required

Directions (11-18): Given below is a paragraph that has blank spaces. Corresponding to each blank, five options are given, out of which only one is appropriate. Choose the option that fits most suitably in the given blank making sentence grammatically and contextually correct.

Getting a good night's sleep is just as essential as a healthy diet and \_\_\_\_\_(11)\_\_\_\_ exercise. Unfortunately, according to the National Sleep Foundation, 62% of the American adult population\_\_\_\_\_(12)\_\_\_\_ from sleep issues every couple of nights per week.

Sleep deprivation negatively \_\_\_\_\_\_(13)\_\_\_\_\_ the quality of your life, as well as your overall health.







In fact, multiple studies show that lack of(14) sleep can negatively impact your hormones, exercise performance, brain functioning, and energy levels.  In addition, it can(15) to moodiness, memory issues, and trouble thinking properly and focusing. Worse of all,(16) sleep can cause high blood pressure, weight gain, and a weak immune system. In-depth studies also reveal that chronic poor sleepers are at a higher risk of developing cancer and dying from it.  If you're planning to(17) your health,(18) the quality of your sleep, and lose weight, you must get a good night's sleep.										
Q11. (a) regular (b) system (c) Seldom (d) active (e) Unusual										
Q12. (a) address (b) indicate (c) results (d) suffers (e) remarks										
Q13. (a) affect (b) effect (c) impacts (d) observes (e) facilitate										
Q14. (a) additional (b) adequate (c) advanced (d) anticipated (e) barely										
Q15. (a) lead (b) indicated (c) consist (d) transformed (e) caused										
Q16. (a) absolute (b) desperate (c) disability (d) emotional (e) chronic										
Q17. (a) retrieval (b) estimate (c) optimize (d) decline (e) degrade										

Directions (19-23): In the following question, sentences are given with a part in bold. The given phrase in the bold may or may not contain an error. The options following can replace the incorrect phrase. The correct phrase that is to be replaced will be your answer. If the sentences are correct then select 'No improvement required' as your answer.

- 019. The petition contended that the establishments and factories were operates in violation of environmental norms and affected public health.
- (a) has been operating in violation of
- (b) were operating in violation of
- (c) were operates in violation on
- (d) was operating in violation of
- (e) No improvement required
- **Q20.** The Delhi Commission for Women (DCW) was issued a notice to the police regarding the same and sought a detailed action taken report.
- (a) had issued a notice to the police
- (b) have issue a notice to the police
- (c) has been issuing a notice to the police
- (d) has issue a notice to the police
- (e) No improvement required
- **Q21.** Ravi was sent to Taloja Jail, where some of his co-accused have now spend more than three years without bail or trial.
- (a) have now spent more than three year
- (b) have now spend more then three years
- (c) have now spent more then three years
- (d) have now spent more than three years
- (e) No improvement required
- **Q22.** With technology becoming smarter, there has been a corresponding increase in cyber fraud, harassments and threats.
- (a) On technology becoming smarter
- (b) At technology becoming smarter
- (c) On technology became smarter
- (d) With technology has become smarter
- (e) No improvement required

018.

(a) lower

(c) aggregate









(b) corrupt

(d) improve

(e) impair

**Q23.** A good coach **had the skills** of his entire team accounted for, and knows where to put them for the best results.

- (a) have the skills (b) have a skill (c) has the skills (d) had skills
- (e)No improvement required

Directions (24-30): Read the following passage and answer the given questions below it with the help of the information provided in it.

Screaming is a unique noise. Research suggests when we scream in fear, the noise serves the dual purpose of sharpening our own focus in the face of a threat as well as of warning others. In fact, our brains process screams in a unique way. Most noises we hear are delivered from our ear to an area of the brain devoted to analyzing a sound and breaking it into its component parts, such as gender, age, and tone; high or low; a brass, stringed or electric instrument — or several combined; a ribbit or a coo, and what animal makes that sound. This indicates that we differentiate all the noises we hear everyday, even subconsciously.

A scream is different though, according to David People, PhD, a professor of psychology and neural science at New York University. People is the lead author of a 2015 study that looked into what happens in the body when people scream in fear. A scream goes straight from the ear to the amygdala, the part of the brain that processes fear and kickstarts the body's fight-or-flight response. The sound jolts our brains into increased alertness and analysis. This is especially true for screams when we're scared. These have a unique sound signature encompassed by the term "roughness." This roughness is what serves to alert others to danger. Humans and other animals scream for many reasons — in joy, in surprise, in fear. But we've evolved to be able to produce different shrieks and to be able to discern the difference when we hear them. (Incidentally, roughness is also why we find the sound of a baby crying and fingernails on chalkboards disturbing; both sounds have high roughness.) If we focus on the sounds that gain our attention, we will be able to tell which one is rough and which is not. But what about people who have the opposite reaction when they're scared? What about the people who don't scream in fear, but become speechless in the face of a threat? This has been less studied, but it's likely a part of the third, overlooked response to terror: paralysis. Contrary to pop medicine, fight and flight aren't the only two reactions to something scary. Humans, like other animals, also evolved the option to freeze, or "play dead" in the face of a threat. This happens involuntarily, when the cerebellum, the part of the brain that regulates muscle activity, overpowers other terrified brain responses and basically shuts down movement. Since screaming takes quite a few muscles (probably a little less than the 100 used for speaking), a person frozen in fear is rendered mute as well as immobile.

#### **Q24.** Choose the statement(s) which is/are TRUE based on the information given in the passage.

- (I) Our systems are built in a way that only allows us to scream in dangerous or threatful situations.
- (II) One of the ways humans tackle fear is by going into a freeze mode and acting dead which is a similar action to animals.
- (III) The brain sorts the noises we hear regularly on the basis of factors such as gender or high or low tone, age, etc.
- (a) Both II and III
- (b) Both II and I
- (c) Only III
- (d) Both I and III
- (e) Only I

#### **Q25.** According to article, the contributes to alerting someone of the danger a person is in?

- (a) The gestures and expressions we make when we are confronted with a seemingly dangerous situation.
- (b) The scream one lets out when faced with danger holds an element of roughness which is crucial for letting others know of the possible danger.
- (c) Secretion of certain fluids and juices in our bodies by our organs play a part in accomplishing the above said thing.











- (d) The frequency of our screams, i.e., how often we shout in the given amount of time can alert others of the presence of danger.
- (e) None of the above

# **Q26.** Among the following statements, choose option(s) which are FALSE in accordance with the information given in the passage.

- **(I)** The part of the brain that understands the fear of the situation and sends us into a full blown fight/flight response is called amygdala. **(II)** The number of muscles used in the process of speaking are over 100.
- (III) The purpose of a scream is to vent out your anger and release the emotions a person has been withholding inside.
- (a) Both I and II
- (b) Only III
- (c) Only II
- (d) Only I
- (e) Both II and III

# Q27. Choose the option which states the reason for why some people go mute when they are scared.

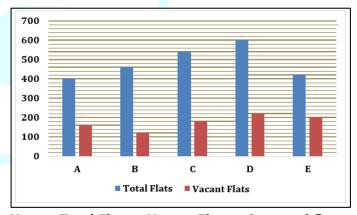
- (a) The brain finds it hard to concentrate between how to combat the dangerous situation and figuring out how to talk which leaves a person mute.
- (b) Some people find that they don't want to express their feelings of terror and fright which is why they choose to remain quiet in those moments.
- (c) A certain part of the brain responsible for overlooking muscle activity takes over other responses of the brain and forces every movement of the body to shut down, including speech.
- (d) Being quiet has been found to help do away with the dangerous and harmful factors that a person might be facing at that exact moment. (e) None of the above

# Q28. Among all the three responses to fear, how does a scream help us in possible dangerous situations?

(a) The brain processes the scream in a part which helps activate our fight or flight mode which then helps us become aware and scan the situation.

- (b) Scream can notify the people in your surroundings like your neighbours or anybody in close vicinity to you.
- (c) When you scream, your vocal cords stretch and become flexible enough to scream louder and warn others of the situation.
- (d) None of the above
- (e) All of the above
- **Q29.** Select the word which is similar in meaning to the highlighted word **INDICATES.** (a) Announces (b) Signals
- (c) Bargains
- (d) Divides
- (e) Flows
- **Q30.** Choose the phrase which will replace the phrase 'focus on' as highlighted in the passage.
- (a) drain out
- (b) tear apart
- (c) fire away
- (d) concentrate on
- (e) mix into

Direction (31-35): Read the data given below and answer the following questions. The bar graph given below shows the total no. of flats and no. of vacant flats in five buildings.



**Note –** Total Flats = Vacant Flats + Occupied flats

- Q31. No. of vacant flats in building C and D together are approximate what percentage of no. of occupied flats in building D and E together.
- (a) 60%
- (b) 84%
- (c) 67%

- (d) 55%
- (e) 80%
- Q32. What is the respective ratio of occupied flats in building A and E together to vacant flats in C and D together?
- (a) 23:20
- (b) 17:19
- (c) 5:4









(d) 11:17 (e) 15:23

**Q33.** Average no. of vacant flats in building A and E is what percentage of occupied flats in building C.

(a) 25%

(b) 50%

(c) 75%

(d) 60%

(e) 40%

Q34. Total flats in building B and D together are how much more or less than that in building A and C together.

(a) 160

(b) 180

(c) 140

(d) 120

(e) 100

Q35. If 3 people live in each occupied flat of building A and 2 people live in each occupied flat of building B, then find total no. of people living in building A and B.

(a) 1000

(b) 1600

(c) 1400

(d) 1200

(e) 1800

Directions (36-40): What will come in the place of the question mark (?) in the following number series?

**Q36.** 0.2, 2.7, 7.7, 15.2, ?, 37.7

(a) 24.2

(b) 30.2

(c) 25.2

(d) 21.2

(e) 27.2

**Q37.** 15, 60, 210, 630, 1575,?

(a) 2450

(b) 2700

(C) 2550

(d) 3150

(e) 3250

**Q38.** 45, 49, 40, 65, 16, ?

(a) 137

(b) 121

(c)97

(d) 143

(e) 109

**Q39.** 4, 9, 28, ?, 566, 3397

(a) 123

(b) 113

(c) 177

(d) 141

(e) 219

Q40. 22,

30, 41, 56, ?, 102

(a) 74

(b) 76

(c)72

(d) 84

(e) 86

Direction (41-45): the data given below shows the information of total students in class A, B and C which are divided in three groups X, Y and Z.

**Class A:** Total no. of students are 90. 30 students are in group X. ratio of number of students in group Y and Z is 1: 2.

**Class B:** Total no. of students are 80. The ratio of no. of students in group X, Y and Z is 8: 5: 3. Class **C:** the no. of students in group Y are half of that in group X. The no of students in group X of class C are 20 more than that in group X of class A. no. of students in group Z of class C are 20% less than that in group X of same class.

**Q41.** What is the total no. of students in group Y of all the classes?

(a) 95

(b) 70

(c) 120

(d) 80

(e) 60

Q42. No. of students in group X of class B are what percentage of no. of students in groups Y of class C.

(a) 160%

(b) 80%

(c) 100%

(d) 150%

(e) 75%

**Q43.** There is total 34 girls in class A. If 12 girls are in group X, then find the no. of boys in group Y and Z together in class A.

(a) 38

(b) 34

(c) 30

(d) 32

(e) 36

**Q44.** Total no. of students in group X is how much more or less than that in group Z.

(a) 20

(b) 25

(c) 15

(d) 50

(e) 35

**Q45.** Find the respective ratio between average students in group X in class A and B to total students in class C.

(a) 12: 17

(b) 7: 23

(c) 4: 21

(d) 7: 12

(e) 11: 16

Q46. Ratio between length of trains A and B is 3:5. Speed of train A is 72 km/h and that of train B is 54 km/h & they are running opposite to each other. If train A crosses train B in 16 seconds, then find length of train B.

(a) 350 m

(b) 250 m

(d) 150 m (e) 320 m





(c) 450 m





Q47. The perimeter of circle of radius 28 cm is 32 cm more than perimeter of square. Find the area of the square.

- (a) 1225
- (b) 1296
- (c) 1156

- (d) 1089
- (e) 1444

Q48. A boat in upstream can travel 5 km in 30 minutes. If the speed of the stream is 1.5 kmph, then find the total distance cover by the boat when boat takes 46 hours to travel from A to b then return to B.

- (a) 260 km
- (b) 220 km
- (c) 280 km
- (d) 520 km
- (e) 144 km

**Q49.** Difference of the interest received when a sum is invested at 15% p.a. at SI for two years and the interest received when that sum is invested at 20% p.a. for one year compounded half yearly is Rs 432, find the

- (a) Rs. 5400 (b) Rs. 5000 (c) Rs. 4500
- (d) Rs. 4000 (e) Rs. 4800

Q50. In an election only two candidates participate. Candidate 'P' got 50% less votes than 'Q'. Had Q got 200 votes less there would have been a tie. What is the 8 times of the number of total votes polled.

- (a) 800
- (b) 7200
- (c) 3200

- (d) 9600
- (e) 3600

Q51. A pen was marked up by 50% above cost price and allowed Rs 100 discount on marked price. If shopkeeper still made a profit of Rs. 100, then find the selling price of the pen (in **Rs.)?** 

- (a) 450 Rs.
- (b) 600 Rs.
- (c) 500 Rs.
- (d) 400 Rs.
- (e) 350 Rs.

Q52. A container contains total 120 liters mixture of milk and water in which quantity of water is 20 liters. If 36 liters mixture taken out from container and 6 liters milk added, then find quantity of water in what percent (approximate) less than that of milk in final mixture?

- (a) 82%
- (b) 88%
- (c)78%

- (c) 86%
- (e) 90%

- Q53. A and B starts a partnership business by investing Rs. 35000 & Rs. 40000 respectively. After six months C joined them and at the end of year profit share of C is Rs. 9000 out of total profit of Rs. 39000. Find the investment of C?
- (a) Rs.54000
- (b) Rs.36000
- (c) Rs.60000
- (d) Rs.45000
- (e) Rs.40000

Q54. Pipe A & pipe B together can fill half of a tank in 7 hours, while pipe C can empty 40% of the same tank x hours. When all three pipes open together in same empty tank, then it completely filled in 26  $\frac{1}{4}$  hours. Find value of x?

- (a) 18
- (b) 12
- (c) 16

- (d) 24
- (e) 9

Q55. Average of present age of A & B is 30 years and C is four years older than A. Four years ago ratio of age of A to C was 3: 4. Find the sum of ages of A, B & C five years hence will be?

- (a) 85 years
- (b) 95 years (c) 90 years
- (d) 105 years (e) 75 years

Directions (56-65): - What will come in place of (?) question mark in the following questions.

 $Q56.512 \div? \times 6 = 192$ 

- (a) 11
- (b) 18
- (c) 12

- (d) 16
- (e) None of these

**Q57.**  $(48\% \text{ of } 625) \div 0.75 = ?$ 

- (a) 800
- (b) None of these
- (c) 40

- (d) 4000
- (e) 400

**Q58.** 65 % of 480 - ? +175 =350

- (a) 125
- (b) 129
- (c) 137

- (d) 147
- (e) 153

**Q59.** 45 + 20 % of ? =  $\frac{460}{4}$ 

- (a) 250
- (b) 450
- (c)400

- (d) 350
- (e) 360

**Q60.** (4)?  $\times 2 = \frac{(16)^2}{\sqrt[4]{16}}$ 

- (a) 2
- (b) 3
- (c) 4



46







(d) 1 (e) None of these

 $Q61.4 \times (? +120) = (8)^3$ 

- (a) 6
- (b) 12
- (c) 8

- (d) 4
- (e) 16

 $Q62.\frac{56}{2} + (8)^3 = 13\% \text{ of } 4000$ 

- (a) 7
- (b) 8
- (c) 14

- (d) 28
- (e) None of these

**Q63.**  $4\frac{3}{12} + 1\frac{3}{4} - ? = \sqrt[3]{64}$ 

- (a) 52
- (b)  $1^{1}_{2}$
- (c) 1

- (d) 4
- (e) 2

**Q64.**  $756 \div 14 \times 5 - \sqrt{7921} = ?$ 

- (a) 183
- (b) 179
- (c) 178

- (d) 181
- (e) 187

 $Q65.462 \div 5.25 + 24 \times 12 = ?$ 

- (a) 372
- (b) 390
- (c)376

- (d) 370
- (e) 400

Directions (66-70): Study the following information to answer the given questions:

Eight persons sit around a circular table. All of them face inside. F sits third to the right of E. Only one person sits between H and F. A sits opposite to D. C sits third to the left of G. C is not an immediate neighbor of B. D is not an immediate neighbor of H. G is an immediate neighbour of E.

**Q66.** Who among the following sits opposite to G?

- (a) H
- (b) B
- (c) D

- (d) F
- (e) None of these

Q67. Who among the following sits second to the left of the one who sits third to the right of H?

- (a) B
- (b) D
- (c) A

- (d) E
- (e) None of these

**Q68.** What is the position of C with respect to D?

- (a) Third to the right
- (b) Second to the right
- (c) Immediate left
- (d) Second to the left

(e) None of these

Q69. Who among the following person sit third to the left of A?

- (a) F
- (b) B
- (c) G

- (d) C
- (e) None of these

**Q70.** Which of the following statement is true about H?

- (a) H sits second to the left of F
- (b) H faces B
- (c) D sits third to the right of H
- (d) E is not an immediate neighbour of H
- (e) Both (b) and (d)

Directions (71-73): In each of the questions below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts.

Read all the conclusions and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts. Give answer

Q71. Statements:

- I. All Cloud are Rain.
- II. Only a few Cloud are Water.

**Conclusions:** 

- I. Some Water is Rain
- II. All Rain is Water
- (a) Both I and II follow
- (b) Either I or II follows
- (c) Only II follows.
- (d) Only I follows.
- (e) Neither I nor II follows

**Q72.** Statements:

- I. Only a few Apple is Mango.
- II. Some Mango is Guava.

**Conclusions:** 

- I. All Guava is Apple
- II. Some Guava is not Apple
- (a) Both I and II follow
- (b) Either I or II follows
- (c) Only II follows.
- (d) Only I follows.
- (e) Neither I nor II follows









#### **Q73.** Statements:

- I. All Green is Blue.
- II. All Blue is Yellow.
- III. No Blue is Pink.

#### **Conclusions:**

- I. No Green is Pink
- **II.** Some Yellow is not pink
- (a) Both I and II follow
- (b) Either I or II follows
- (c) Only II follows.
- (d) Only I follows.
- (e) Neither I nor II follows
- **Q74.** How many pairs of letters are there in the word '**CONDITION**', each of which have as many letters between them (both forward and backward direction) in the word as they have between them according to English alphabetical order?
- (a) None
- (b) Two
- (c) Four

- (d) Three
- (e) None of these

Directions (75-79): Study the following arrangement carefully and answer the questions given below.

@ E K & Y R © C A M ® U L \$ V Q # P % S I W \* O T φ G

- Q75. If all consonants are replaced its next letter, then how many alphabets are repeated in the new arrangement?
- (a) Four
- (b) One
- (c) Three

- (d) Two
- (e) None
- Q76. How many such symbols are there in the above arrangement each of which is immediately preceded by a consonant but not immediately followed by a Vowel?
- (a) None
- (b) Four
- (c) Two

- (d) Three
- (e) More than Four
- Q77. Four of the following five are alike in a certain way based on their position in the above arrangement and so form a group. Which is the one that does not belong to that group?
- (a) ER&
- (b) CUM
- (c) L#V

- (d) PW% (e) SOW
- Q78. How many such alphabets are there in the above arrangement each of which is immediately preceded and immediately followed by a symbol?
- (a) None
- (b) One
- (c) Two

- (d) Three
- (e) More than three
- Q79. Which of the following element is 10th to the right of the element which is 18th from the right end?
- (a)#
- (b) P
- (c) %

- (d) S
- (e) None of these
- **Q80.** If we form a meaningful word by the 3rd, 4th, 7th and 8th letter of the word 'CONSISTENT", then which of the following will be the first letter of the word thus formed. If more than one word is formed mark Y as your answer. If no meaningful word is formed, mark X as your answer?
- (a) X
- (b) N
- (c) Y
- (d) S (e) E

Directions (81-85): Study the following information carefully and answer the questions given below.

Eight persons A, B, C, D, E, F, G and H sit in a row facing to the north direction but not necessarily in the same order.

B sits 3rd from the right end. Three persons sit between H and B. D is the only neighbour of F. E sits immediate left of G, who sits 2nd to the right of A.

- **Q81.** Who among the following sits 2nd to the left of F?
- (a) B
- (b) H
- (c) A

- (d) D
- (e) None of these
- **Q82.** Which of the following statement is true as per the given information?
- (a) Two persons sit between E and D
- (b) A sits immediate right of C
- (c) C sits at one of the extreme ends
- (d) Both (a) and (c)











(e) All are true

Q83. Four of the following five are alike in a certain way and so form a group. Find the one who does not belong to that group?

- (a) C
- (b) H
- (c) G

- (d) A
- (e) B

**Q84.** Who among the following are immediate neighbours of G?

- (a) F
- (b) C
- (c) B

- (d) E
- (e) Both (c) and (d)

**Q85.** What is the position of D with respect to G?

- (a) 3rd to the left
- (b) Immediate left
- (c) 2nd to the right (d) 3rd to the right
- (e) None of these

**Q86.** Five persons A, B, C, D and E arranged in a row. One person sits between A and B. One person sits between A and D. C sits 3rd to the right of D. What is the position of A with respect to E?

- (a) Immediate right
- (b) 2nd to the left
- (c) Immediate left
- (d) 3rd to the right
- (e) None of these

Directions (87-89): Study the following information carefully and answer questions given below.

Point A is in 8m north of point B. Point C is in 4m east of point B. Point D is in 5m south of point C. Point F is in 5m north of Point E, which is 8m east of point D. Point F is in 4m west of point G. Point H is in 8m north of Point G.

087. What is the shortest distance between Point A and Point H?

- (a) 12m
- (b) 14m
- (c) 16m

- (d) 18m
- (e) None of these

**088.** What is the direction of Point H with respect to Point D?

- (a) North-east
- (b) North
- (c) South-east
- (d) North-west
- (e) None of these

**089.** What is the shortest distance between Point F and Point C?

- (a) 5m
- (b) 8m
- (c) 10m

- (d) 12m
- (e) None of these

Directions (90-93): Study the following information to answer the given questions:

Eight boxes are placed one above the other in a stack. Not more than two boxes are placed above box Q. Three boxes are placed between box Q and T. Two boxes are placed between box U and S, which is placed below box T. Box U does not place immediate above box T. Box P is placed immediate above box V. Box R is placed above box W but does not place above box V.

Q90. Which of the following box is placed immediate above box W?

- (a) S
- (b) T
- (c) 0

- (d) U
- (e) None of these

Q91. How many boxes are placed between P and R?

- (a) Four
- (b) One
- (c) Two

- (d) Three
- (e) None of these

**092.** The number of boxes are placed between Q and W is same as the number of boxes are placed between \_\_\_ and \_\_\_\_?

- (a) P, Q
- (b) V, U
- (c) R, S

- (d) W, T
- (e) None of these

Q93. Which of the following box is placed immediate below box S?

- (a) V
- (b) R
- (c) P

- (d) W
- (e) None

Directions (94-96): In each of the questions below are given some statements followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.









- (a) If only conclusion I follows.
- (b) If only conclusion II follows.
- (c) If either conclusion I or II follows.
- (d) If neither conclusion I nor II follows.
- (e) If both conclusions I and II follow.

**Q94. Statements:**  $M < N \le 0 < R = S < T$ 

**Conclusion**:- I: M = O II: N < S

**Q95.** Statements:  $C \ge D = E \le F < G \le H$ 

**Q96. Statements:**  $S > U \geqslant V = W \leqslant X$ ;  $W \leqslant Y \leqslant$ 

Z

**Conclusion**:-I: S > W II:  $U \ge Y$ 

Direction (97-100): Study the following information carefully and answer the questions given below.

Ten persons sit in two parallel rows containing 5 persons in each row in such a way that there is an equal distance between adjacent persons. In the 1st row P, Q, R, S and T sit and all of them face south. In the 2nd row A, B, C, D and E sit and all of them face north but not necessarily in the same order.

Two persons sit between E and D, who sits diagonally opposite to S. E faces Q, who sits 3rd to the right of R. C faces P but not an immediate neighbour of D. B sits to the left of A.

### Q97. What is the position of D with respect to A?

- (a) Immediate left
- (b) 3rd to the right
- (c) Immediate right
- (d) 2nd to the left
- (e) None of these

**Q98.** Who among the following faces to T?

- (a) A
- (b) D
- (c) B
- (d) Either (a) or (c)
- (e) None of these

Q99. Four of the following five are alike in a certain way and so form a group. Find the one who does not belong to that group?

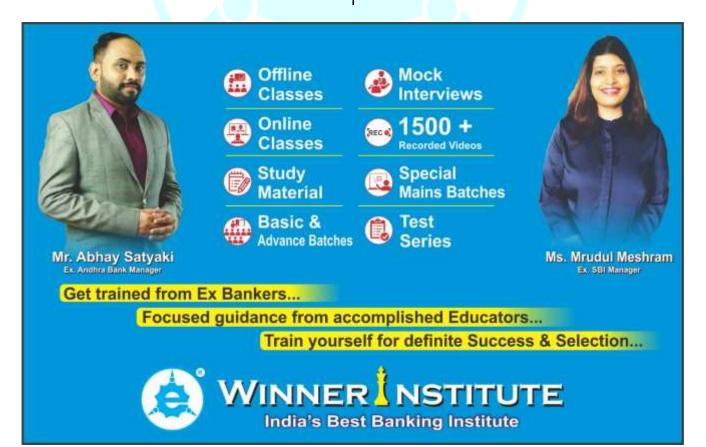
- (a) T
- (b) Q
- (c) C

- (d) B
- (e) P

**Q100.** How many persons sit between Q and T?

- (a) One
- (b) Three
- (c) None

- (d) Two
- (e) None of these













### SBI Clerk Prelims (Memory Based Paper) Solutions

Q1	C	Q11	A	Q21	D	Q31	C	Q41	В	Q51	C	Q61	C	Q71	D	Q81	A	Q91	C
<b>Q2</b>	A	Q12	D	Q22	E	Q32	A	Q42	A	Q52	A	Q62	A	Q72	В	Q82	D	Q92	В
Q3	B	Q13	C	<b>Q23</b>	C	Q33	В	Q43	A	<b>Q53</b>	D	Q63	E	Q73	A	Q83	A	Q93	E
<b>Q4</b>	C	Q14	В	<b>Q24</b>	A	Q34	D	Q44	В	Q54	В	Q64	D	Q74	D	Q84	E	Q94	В
Q5	C	Q15	A	Q25	В	Q35	C	Q45	В	Q55	В	Q65	C	Q75	В	Q85	C	Q95	C
<b>Q6</b>	B	Q16	E	<b>Q26</b>	E	Q36	C	Q46	A	Q56	D	Q66	D	Q76	E	Q86	A	Q96	A
Q7	A	Q17	C	Q27	C	Q37	D	Q47	В	Q57	E	Q67	C	Q77	D	Q87	C	Q97	C
<b>Q8</b>	D	Q18	D	<b>Q28</b>	A	Q38	A	Q48	D	Q58	C	Q68	В	Q78	В	Q88	A	Q98	A
<b>Q</b> 9	A	Q19	В	Q29	В	Q39	В	Q49	E	Q59	D	Q69	A	Q79	D	Q89	В	Q99	D
Q10	D	Q20	A	Q30	D	Q40	В	Q50	D	Q60	В	Q70	E	Q80	C	Q90	D	Q100	A











RBI ATTENDENT

### IBPS PO Prelims (Memory Based Paper)

Directions (1-3): A word has been given in each question and has been used in the sentences given below. **Identify** statements where the word has been used in a contextually and grammatically manner. If the word has been used incorrectly in all the statements, mark (e), "None of these", as your answer.

#### 01. Fellow

- (i) The Central Vigilance Commission asked all public sector banks to **fellow** time limit set by it for timely completion of disciplinary proceedings.
- (ii) Company is seeking highly motivated research **fellow** to perform high-impact
- (iii) Volunteers help fellow villagers access healthcare in conflict-affected eastern Ukraine.
- (a) only (i)
- (b) only (ii)
- (c) both (ii) and (i)
- (d) both (ii) and (iii)
- (e) none of these

#### 02. Accent

- (i) There has been much discussion about celebrity's **accent** in a reality show.
- (ii) Temple jewellery was mostly made from gold and silver and finished with handcrafted accents.
- (iii) Succeeding public authorities cannot accent the work of their predecessors.
- (a) only (ii)
- (b) both (i) and (ii)
- (c) both (ii) and (iii)
- (d) all (i), (ii), (iii)
- (e) none of these

#### Q3. Wind

- (i) It stated that the Officers must establish a close wind with laboratories for expediting the results of genomic analysis
- (ii) Wind your arm with a bandage.
- (iii) The wind of a university is often judged by the collective achievements of its alumni
- (a) only (ii)
- (b) both (i) and (ii)
- (c) both (ii) and (iii)
- (d) all (i), (ii), (iii)
- (e) none of these

Directions (4-13): Read the following passage and answer the given questions based on the information provided in the passage.

With the advancement of digital technology, excessive screen time has become a grave concern. This has pushed researchers and practitioners to focus on digital well-being. Screen time during COVID-19 has further increased as a result of public health measures enforced by governments to curb the pandemic. A lack of comprehensive empirical overviews on screen time in the COVID-19 era in the present literature prompted us to conduct this review. The present review attempts to understand the virtual social connectedness, excessive use of digital technology, its consequences and suggest strategies to maintain healthy use of digital technology. Though there are consequences of prolonged screen time use and blurred understanding between healthy and unhealthy social connectedness over digital media, the suggestions for negative implications on (physical and) mental health warrant a strict need for inculcating healthy digital habits, especially knowing that digital technology is here to stay and grow with time.

The last two decades have seen a thriving future in the use of digital technology. It has accelerated human exposure to prolonged bright screen which is becoming a growing concern. Digital technology is essentially the use of electronic devices to store, generate or process data; it facilitates communication and virtual interactions on social media platforms using the internet. The COVID-19 pandemic has forced people to rely on digital networks as their only method of maintaining a socio-emotional connection, but it has also made it a shallow one. Digital technology is influencing how people use digital devices to maintain, or avoid social relations or how much time to spend on virtual social connectedness. Screen time refers to the amount of time spent and the diverse activities performed online using digital devices. For instance, screen time encompasses both, using digital devices for work purposes as well as for leisure and entertainment.

The COVID-19 pandemic came with restrictions, regulations and stay-at-home orders. Many









individuals could not return to their homes, many stuck in foreign lands and many in solitude. As a result, the usage of digital devices has increased manifold across the globe. The addiction to the digital devices has started to run in the genes of individuals. Irrespective of age, people are pushed to rely on digital platforms. Education, shopping, working, meeting, entertaining and socializing suddenly leaped from offline to online. Here, digital technology came as a blessing in disguise, enabling individuals to remain emotionally connected despite social distancing. At the same time, prolonged screen time has caused concerns related to its impact on physical and mental health. While mindful use of digital devices is linked with well-being, excessive screen time is reported to be associated with a range of negative mental health outcomes such as psychological problems, low emotional stability, and a greater risk for depression or anxiety.

#### **Q4.** What, according to the author, is/are the major objective(s) of conducting a review on the usage of digital technology?

- (a) To recognize the idea of virtual social togetherness
- (b) To suggest ideas for discontinuing the use of digital technology
- (c) To comprehend the suitable limit of digital technology usage
- (d) Only (a) and (c)
- (e) Both (a) and (b)

#### **Q5.** Why has the use of digital technology become more than a matter of concern?

- (a) Because the future of digital technology is bright for the next generation.
- (b) Because it has suffocated interpersonal relations with its wide usage.
- (c) Because it has elevated human exposure to long durations spent in front of a screen.
- (d) Because it has seen a decrease in virtual interactions on social media platforms.
- (e) None of these

#### **Q6.** Which of the following statements with reference to screen time is/are correct?

- (a) It refers to the amount of time spent on digital devices while online.
- (b) It refers to the amount of time incurred while doing a variety of online activities carried out with the use of digital gadgets.
- (c) Only time spent on leisure and entertainment activities is included in it.
- (d) Only (a) and (c)
- (e) Both (a) and (b)

#### Q7. Why has the usage of digital devices increased manifold across the globe?

- (a) As a result of the regulations put in place to combat the COVID-19 pandemic.
- (b) Because of pandemic restrictions, many people remain trapped in foreign countries.
- (c) Because interaction and amusement moved from the offline to the online world.
- (d) Only (a) and (b)
- (e) All of these

#### **Q8.** Why has prolonged screen time caused concerns on physical and mental health?

- (a) It has resulted in a slew of psychological issues.
- (b) Individuals have become emotionally stable as a result of it.
- (c) It has increased the risk of depression and anxiety.
- (d) Only (a) and (c)
- (e) Both (a) and (b)

#### **Q9.** Which of the following statements with reference to the information provided in the given passage is/are incorrect?

- (a) Researchers have turned their attention to digital well-being as a result of excessive screen time on digital gadgets.
- (b) The advancement of digital technology has seen a promising future in the recent two decades.
- (c) Concerns about the impact of excessive screen usage on physical and mental health have surfaced.
- (d) Only (a) and (b)
- (e) None of these











- **Q10.** Choose the most appropriate synonym of the word 'RUN', as highlighted in the given passage.
- (a) Coast
- (b) Slide
- (c) Flow

- (d) Swipe
- (e) Ruin
- **Q11.** Choose the most appropriate antonym of the word 'BRIGHT', as highlighted in the given passage.
- (a) Lucid
- (b) Dim
- (c) Glare

- (d) Canny
- (e) Ablaze
- Q12. Which of the following statements best illustrates the meaning of the phrase "digital technology came as a blessing in disguise", as expressed in the passage?
- (a) Issues have been expressed about the effects of excessive screen time on health. (b) The activity of entertaining and gathering shifted from offline to online.
- (c) Despite the social distance, digital technology has enabled people to stay emotionally tied.
- (d) Long periods of screen time have raised worries about physical and mental health. (e) All of these
- **Q13.** Choose the most appropriate synonym of the word 'SHALLOW', as highlighted in the given passage.
- (a) superficial
- (b) frivolous
- (c) trivial
- (d) Only (a) and (b)
- (e) All of these

Directions (14-18): In each of the questions given below a sentence is given with three words in bold. Choose the option which gives the correct sequence of these words to make the sentence grammatically and contextually correct.

- **Q14.** As the **staying (A)** lifestyle continues to evolve; a **phenomenon (B)** that has been further accelerated during the pandemic, is that of 'modern (C) at home.'
- (a) ACB
- (b) BAC
- (c) CBA

- (d) BCA
- (e)No rearrangement required

- Q15. The death of five elephants has again reduce (A) the gaps in efforts to highlighted (B) man-animal **conflicts (C)** in the country.
- (a) ACB
- (b) BAC
- (c) CAB

- (d) BCA
- (e)No rearrangement required
- **Q16.** The leap of **artificial (A)** intelligence in the students (B) sector has helped education (C) and educators.
- (a) ACB
- (b) BAC
- (c) CAB

- (d) BCA
- (e)No rearrangement required
- **Q17.** The additional budget for MGNREGA was among the most threatened (A) awaited, as pending payments for wages have **keenly** (B) to cripple **implementation (C)** of the scheme.
- (a) ACB
- (b) BAC
- (c) CAB

- (d) BCA
- (e)No rearrangement required
- **Q18.** The cyclone will briefly gain in **severe (A)** and become a conventional (B) cyclonic storm, but is unlikely to make a strength (C) landfall.
- (a) ACB
- (b) BAC
- (c) CAB

- (d) BCA
- (e)No rearrangement required

Directions (19-23): In the following questions six sentences are given. Further, these sentences may or may not form a contextually meaningful sequence. You have to rearrange these sentences to make a contextually meaningful paragraph. The sentence (F), which has already been highlighted, would be the LAST sentence after rearrangement. Later, answer the follow-up questions.

- (A) The train initially operated on horse-drawn traffic were later replaced in 1856 by steam locomotives.
- (B) The ability of Serbian Railways to transport goods and people efficiently made economic development possible.
- (C) The history of rail transport in Serbia began in the mid-19th century when most of the territory was still held by the Austro-Hungarian and Ottoman Empires.
- (D) Part of the line was located in Serbia passing through Bela Crkva while the rest is in Romania.
- (E) The first rail line on the present-day territory of Serbia was inaugurated on 20 August 1854, between Lisava-Oravica-Bazijaš.











- (F) It continued with modified business activity: engineering and technical consulting, consulting activities in the field of information technology and other information technology services etc.
- Q19. Which of the following would be the correct order of sentences after rearrangement?
- (a) DEBACF (b) CDEBAF (c) ABCEDF
- (d) BACEDF (e) CEDABF
- **Q20.** Which of the following would be the THIRD sentence after rearrangement?
- (a) A
- (b) B
- (c) C

- (d) D
- (e) F
- **Q21**. Which of the following would be the FIRST sentence after rearrangement?
- (a) A
- (b) B
- (c) C

- (d) D
- (e) F
- **Q22.** Which of the following would be the FIFTH sentence after rearrangement?
- (a) A
- (b) B
- (c) E

- (d) D
- (e) F
- **Q23.** Which of the following would be the FOURTH sentence after rearrangement?
- (a) A
- (b) B
- (c) C

- (d) D
- (e) F

Directions (24-25): In the following question, sentences are given with a part in bold. The given phrase in the bold may or may not contain an error. The options following can replace the incorrect phrase. The correct phrase that is to be replaced will be your answer. If the sentences are correct then select 'No improvement required' as your answer.

- **Q24.** The Government's new policies intended to double incomes of farmers, **which has been** languishing while stock markets are soaring.
- (a) who have been
- (b) that has being
- (c) which was been
- (d) which have been
- (e) No improvement required

- **Q25.** Prime Minister **will came** Dehradun on next Monday to inaugurate and lay the foundation stone of multiple projects.
- (a) will visit
- (b) was coming
- (c) have gone
- (d) had visited
- (e) No improvement required

Directions (26-30): Read each sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is 'No error', the answer is 'e'). (Ignore errors of punctuation, if any.)

- **Q26.** The Manager **(A)**/, as well as **(B)**/ the team members, **(C)**/ are excited. **(D)**
- (a) A
- (b) B
- (c) C

- (d) D
- (e) No error
- **Q27.** Diabetes affect(A)/ many people (B)/ around (C)/ the world. (D)
- (a) A
- (b) B
- (c) C

- (d) D
- (e) No error
- **Q28.** Not for a moment **(A)**/ I think I would be **(B)**/ offered the job, **(C)**/ so I was amazed when I got it. **(D)**
- (a) A
- (b) B
- (c) C

- (d) D
- (e) No error
- **Q29.** Sheela will have **(A)**/ reached her **(B)**/ grandparents' house **(C)**/ by this time next week.**(D)**
- (a) A
- (b) B
- (c) C

- (d) D
- (e) No error
- **Q30.** It had **(A)**/ stopped raining **(B)**/ when I **(C)**/ had left the office. **(D)**
- (a) A
- (b) B
- (c) C

- (d) D
- (e) No error

Direction (31 - 35): What will come in the place of questions (?) mark in following number series.

**Q31**. 8, 12, 30, 105, ?, 2598.75

- (a) 472.5
- (b) 470.5
- (c)476.5

- (d) 471.5
- (e) 468.5









#### **Q32.** 9, 19, 39, 79, ?, 319

- (a) 221
- (b) 175
- (c) 125

- (d) 159
- (e) 199

#### **Q33.** 580, 557, 528, 497, ?, 419

- (a) 463
- (b) 457
- (c)461

- (d) 459
- (e) 460

#### **Q34**. 81, 72, 136, 111, ?, 278

- (a) 325
- (b) 347
- (c)323

- (d) 327
- (e) 321

#### **Q35**. 14, 20, 28, 39, ?, 74

- (a) 50
- (b) 52
- (c) 54

- (d) 56
- (e) 59

Direction (36 - 40): Table given below shows ratio of books to pens sold by four different shops and it also shows average number of books and pens sold by these four shops.

Shop	Ratio of total	Average
s	books to pen	number
	sold	of books
	(books :	& Pens
	Pens)	sold
A	4:1	100
В	1:3	60
С	2:3	75
D	3:2	90

#### Q36. If shop D sold each book at Rs. 75 & each pen at Rs. 30, then find the total earning (in Rs.) of shop D by selling all the books and pens?

- (a)10220
- (b)10240
- (c)10260

- (d)10360
- (e)10460

#### Q37. Total books sold by shop B is what percent less than total pens sold by shop C?

- (a)  $63\frac{2}{3}\%$  (b)  $33\frac{1}{3}\%$  (c)  $60\frac{2}{3}\%$  (d)  $66\frac{2}{3}\%$  (e)  $66\frac{1}{3}\%$

#### Q38. Find difference between number of books sold by A & C and total pens sold by B?

- (a) 10
- (b) 5
- (c) 15

- (d) 25
- (e) 20

#### Q39. If shop X sold 50% more pens than shop A and total books sold by shop X is 20 less than that of by shop C, then find total pens sold by X is what percent more than total books sold by X?

- (a) 20%
- (b) 50%
- (c) 30%

- (d) 40%
- (e) 10%

#### Q40. Find the ratio of total pens sold by shop A to total books sold by shop C?

- (a) 1:3
- (b) 2:3
- (c) 3:4

- (d) 2:5
- (e) 1:4

Directions (41-45): In the following questions, there are two equations in x and y. You have to solve both the equations and give answer.

- (a) if x > y
- (b) if x < y
- (c) if  $x \ge y$
- (d) if  $x \leq y$
- (e) if x = y or there is no relation between x and y

**Q41.** I. 
$$X^2 + 3x - 40 = 0$$

II. 
$$Y^2-11Y+30=0$$

**Q42.** 
$$I.2x^2+7x-15=0$$

II.3
$$y^2+5y-12=0$$

**Q43.** 
$$\mathbf{I.}2x^2 + 26x + 84 = 0$$

II.
$$3y^2 + 15y + 56 = 0$$

**Q44.** 
$$I.x^2-4x-221=0$$

II.
$$y^2-y-132=0$$

**Q45.** I. 
$$x^2-13x+42=0$$

II. 
$$y^2 - 17y + 72 = 0$$

Q46. Jaya & Shivani invested Rs. 5000 & Rs. 6000 respectively in a business. After sixmonth Riya join the business with capital of Rs. 3000 and Jaya left the business. If at the









end of one year the difference between profit share of Jaya & Riya is Rs. 200, then find the profit share (in Rs.) of Shivani.

- (a) 3000
- (b) 2400
- (c) 4200

- (d) 3600
- (e) 1200

Q47. If ratio of radius to height of a cylinder in 7: 6 and curved surface area of cylinder is 1056 cm2, then find the total surface area of cylinder?

- (a) 2218 cm<sup>2</sup> (b) 2228 cm<sup>2</sup>
- (c) 2248 cm<sup>2</sup> (d) 2288 cm<sup>2</sup>
- (e) 2268 cm<sup>2</sup>

**Q48.** Ram spend 20% of his monthly income on rent, 10% from the remaining income he spends on food, 30% on travel and  $\frac{2^{th}}{5}$  amount he gives to his mother. If the difference between amount he spends on travel & amount he gives to his mother is Rs. 11200, then find the monthly income of Ram?

- (a) 120000 Rs.
- (b) 140000 Rs.
- (c) 150000 Rs.
- (d) 180000 Rs.
- (e) 130000 Rs.

Q49. Speed of bike is 10% less than speed of car and bike takes two hours more than car to cover 180 km distance, while car covers 300 km. Find the speed (in km/hr) of bike?

- (a) 50 (b) 45 (c) 36
- (d) 54 (e) 27

Q50. The ratio of present age of Aman to that of David is 2:5 and after ten years the sum of their age will be 69 years. Find the difference between present age of Aman & David?

- (a) 14 years (b) 21 years (c) 17 years
- (d) 19 years (e) 7 years

Q51. A vessel contains total 95 liter mixture of milk & water in the ratio of 15: 4 respectively. X liter mixture of mixture taken out from the vessel and 18 liters water added in the remaining mixture, then the new ratio of milk to water becomes 3:2, find the value of X?

- (a) 9.5
- (b) 57
- (c) 27.5

- (d) 19
- (e) 38

Q52. The ratio of speed of a boat in downstream to upstream is 5:3 and total time taken by boat to cover 30 km distance in upstream is 5 hours. Find time taken by boat to cover 40 km in downstream.

- (a) 4 hours
- (b) 6 hours
  - (c) 8 hours
- (d) 2 hours
  - (e) 3 hours

**Q53.** A man invested Rs. 8000 in each schemes A & B. Scheme A offers simple interest at the rate of 9% p.a. for three years, while scheme B offers simple interest at the rate of 8% p.a. for four years. Find the total interest (in Rs.) get by man from both schemes.

- (a) 4700
- (b) 4760
- (c) 4780

- (d) 4520
- (e) 4720

Q54. A can do 25% of a work in 7 days, while B can do  $\frac{2^{th}}{7}$  of the same work in 12 days. A and B start work together and after 12 days both replace by C, who complete the remaining work in three days. Find in how many days C can complete the same work alone?

- (a) 6.5 days
- (b) 7.5 days
- (c) 8.5 days
- (d) 10.5 days
- (e) 12.5 days

Q55. A shopkeeper sold a table at 20% profit and a chair at profit of 25%. If the cost price of the chair is equal to the selling price of table and shopkeeper earned an overall profit of Rs. 400, then find the sum of selling price of both the articles together?

- (a) 2160 Rs. (b) 1760 Rs. (c) 1960 Rs.
- (d) 2260 Rs. (e) 2460 Rs.

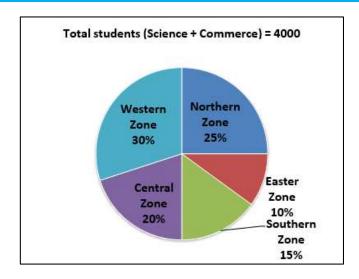
Directions (56-60): Study the charts given below carefully and answer the following questions.

Pie chart shows the percentage distribution of total students (Science +Commerce) in 12th class of five different Zones and table shows the number of students in same class in science of same zones.









Zone	Students in Science
Northern Zone	400
Eastern Zone	310
Southern Zone	430
Central Zone	600
Western Zone	750

Q56. Number of students of commerce stream in Northern Zone are what percent more or less than number of total students in Southern Zone.

(a) 20%

(b) 0%

(c) 5%

(d) 10%

(e) 12.5%

Q57. Number of Commerce students in Western zone are how much more than Science students in Northern zone, Eastern zone and Southern zone together.

(a) 660

(b) 770

(c) 630

(d) 730

(e) 690

Q58. If monthly library fee per student in Central zone for commerce students is Rs.60 which is Rs.20 less than that for science students, then find total monthly fee of library of Central zone.

(a) Rs.60000

(b) Rs.45000

(c) Rs.42000

(d) Rs.54000

(e) Rs.63000

Q59. If Western zone also have Arts students and ratio of sum of students of science and commerce in western zone and Arts students in western zone is 5:7, then find Arts students in western zone are how much more than commerce students in Southern zone.

(a) 1510

(b) 1430

(c) 1570

(d) 1620

(e) 1690

**Q60.** Find ratio of science students in Western Zone to Commerce students in eastern zone.

(a) 7:1

(b) 22:9

(c) 21:8

(d) 17:5

(e) 25:3

Directions (61-65): Read the given data carefully and answer the following questions. There are 1080 (Fabric + paper) bag sold by shop A, B and C.

(i) Shop A sold (paper + fabric) bag 25% more than shop B. Equal number of paper and fabric bag sold by shop B.

**(ii)** The number of paper bag sold by shop B is double the fabric bag sold by A.

(iii) The number of paper bag sold by shop C is 50% of fabric bag sold by shop A.

(iv) The number of fabric bag sold by shop C is 25% of that by shop B.

**Q61.** Find the ratio between paper bag sold by B and fabric bag sold by C?

(a) 4: 1

(b) 3: 2

(c) 5: 2

(d) 5: 4

(e) 5: 1

Q62. Fabric bag sold by shop A is what percentage more than paper bag sold by shop C?

(a) 50%

(b) 25%

(c) 200%

(d) 100%

(e) 150%

Q63. What is the difference between average number of paper bag sold by all the shops and fabric bag sold by all the shops?

(a) 110

(b) 108

(c) 106

(d) 103

(e) 115

**Q64.** Fabric bags sold by shop A and C together is how much more or less than paper bag sold by shop B and C together?

(a) 90

(b) 102

(c) 116

(d) 108

(e) 124

Q65. Each paper bag and each fabric bag of shop A sold at Rs. 10 and Rs.15 respectively. Find total revenue from selling paper bag and fabric bag of shop A?

(a) Rs.4750

(b) Rs.5280 (c) Rs.5940

(d) Rs.5480 (e) Rs.6220

Direction (66-70): Study the following information and answer the questions given below:









Fourteen persons viz. A, B, C, D, P, Q, R, S, K, L, M, N, Y and Z sit in two parallel rows (but not necessarily in the same order) in such a way that seven persons sit in each row. A, B, P, Q, K, L and Y sit in row 1 and face north while C, D, R, S, M, N and Z sit in row 2 and face south. The persons in row 1 sit exactly opposite to the persons sit in row 2.

Y sits diagonally opposite to Z. One person sits between Z and R. P faces R and sits immediate right of A. The number of persons sit between Y and A is same as the number of persons sit to the right of M. B sits second to the right of the one who faces R. Three persons sit between B and Q. C sits diagonally opposite to Q. C and D are immediate neighbours. N faces K.

#### **Q66.** Who among the following faces S?

- (a) P
- (b) L
- (c) A

- (d) B
- (e) None of these

### **Q67.** Who among the following sits third to the left of L?

- (a) Q
- (b) A
- (c) P

- (d) K
- (e) Y

### **Q68.** What is the position of M with respect to D?

- (a) Immediate right
- (b) Immediate left
- (c) Third to the left
- (d) Second to the left
- (e) Second to the right

### **Q69.** Who among the following sits fourth to the right of the one who faces **Z**?

- (a) Y
- (b) P
- (c) K

- (d) L
- (e) B

# Q70. Four among the following five are alike in a certain way and related to a group, who among the following does not belong to the group?

- (a) Z
- (b) C
- (c) Q

- (d) R
- (e) Y

Q71. In the given number '85274369', if all the odd digits are decreased by 1 and all the even digits are decreased by 2, then what would be the sum of the digits which are not repeated in the new number formed after rearrangement?

- (a) 10
- (b) 14
- (c) 2

#### (d) 8 (e) None of these

Directions (72-74): In each of the questions below are given some statements followed by some Conclusions. You have to take the given statements to be true even, if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

- (a) If only conclusion I follows.
- (b) If only conclusion II follows.
- (c) If either conclusion I or II follows.
- (d) If neither conclusion I nor II follows.
- (e) If both conclusions I and II follow.

#### **Q72.** Statements:

- **I.** Some key is chain.
- II. Some chain is plant.
- III. All plant is lock.

#### **Conclusion:**

- I: No key is lock is a possibility.
- II: All lock is plant.

#### **Q73.** Statements:

- I. Only a few story is real.
- II. No real is drama.
- III. No drama is news.

#### Conclusion:

- **I**: Some story is not real.
- II: Some news can be real.

#### **Q74.** Statements:

- I. Only pen is city.
- II. Some pen is black.
- III. Only a few office is black.

#### **Conclusion:**

- **I.** Some black is not pen.
- II. All office is pen.

## Direction (75-78): Study the following information and answer the questions given below:

Nine persons i.e., H, I, J, K, L, M, B, P and T visit three different cities viz. Mumbai, Pune and Bangalore but not necessarily in the same order. At least two persons but not more than four persons visit the same city. H visits with T. T does not visit Pune. K visits Mumbai. B visits neither Pune nor with K. J visits only with P. More than







three persons visit Mumbai. L and I visit together. M does not visit with I.

#### Q75. Who among the following visits Pune?

- (a) L
- (b) P
- (c) J

- (d) M
- (e) Both (b) and (c)

#### **Q76.** Who among the following visits with K?

- (a) H
- (b) T
- (c) L
- (d) Both (a) and (b)
- (e) None of these

#### Q77. Four among the following five are same in a certain manner and related to a group, who among the following does not belong the group?

- (a) K
- (b) B
- (c) M

- (d) T
- (e) H

#### Q78. Which among the following pair is incorrect as per the data given?

- (a) I-L
- (b) P-J

- (d) T-K
- (e) H-M

#### Direction (79-81): Study information and answer the following questions:

A certain number of persons sit in a linear row and all face north. Four persons sit between A and B. G sits second to the right of B. One person sits between G and K. The number of persons sit between B and K is same as the number of persons sit to the right of K. V sits fifth to the left of G. P sits third from one of the extreme ends. P sits just left of V. P sits to the left of A.

#### **079.** Find the total number of persons sit in the row?

- (a) 14
- (b) 13
- (c) 15

- (d) 16
- (e) Can't be determined

#### **Q80.** If P sits exactly between V and R, then how many persons sit between R and G?

- (a) Three
- (b) Four
- (c) Seven

- (d) Six
- (e) None of these

#### **081.** What is the position of A with respect to W, if only four persons sits to the right of W?

- (a) Immediate right
- (b) Third to the left
- (c) Fourth to the right
- (d) Immediate left

#### (e) Second to the right

Direction (82-85): In these questions, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study conclusions based on the given statements and select the appropriate answer:

- (a) If only conclusion I follows.
- (b) If only conclusion II follows.
- (c) If either conclusion I or II follows.
- (d) If neither conclusion I nor II follows.
- (e) If both conclusions I and II follow.

**Q82. Statements:** W > Q 
$$\geq$$
 P < N  $\leq$  A; N > R = X

Conclusions: I. A > XII. 0 > N

**Q83. Statements:**  $V \le B \le M = S \ge F \ge G = H$ 

**Conclusions: I.** M > G II. M = H

**Q84. Statements:**  $L \le C \ge F > K \ge D > M$ 

Conclusions: I. L < F II. C > D

**Q85. Statements:**  $N > V \ge L \ge 0 \le W \le A > D$ 

Conclusions: I. N > 0 II. A > 0

#### Direction (86-90): Study the following information carefully to answer the given questions:

Six persons P, Q, R, S, T and U live in a three-storey building such that ground floor is numbered as 1, above it is floor 2 then topmost floor is numbered as 3. Each of the floor has 2 flats in it as flat-A and flat-B. Flat A of floor-2 is immediately above flat-A of floor-1 and immediately below flat-A of floor-3 and so on. In the same way flat-B of floor-2 is immediately above flat-B of floor-1 and immediately below flat-B of floor-3 and so on. Flat-A is in west of flat-B. They like different country.

R lives in the east of the one who likes Norway. One person lives between U and R but not live in the same flat number. The one who likes Russia live in the south-west of Q, who live just above T's flat. The one who likes Latvia does not live-in flat B. P lives just above S's flat but not like Norway. The one who likes Kosovo lives above the one who likes Greece and live below the one who likes Serbia.

**Q86.** Who among the following lives just







#### below P's flat?

- (a) The one who likes Greece
- (b) U
- (c) The one who likes Norway
- (d) R
- (e) None of these

#### **Q87**. Which of the following statement is true?

**I.** U lives on the 3rd floor

II. T does not like Kosovo

III. R lives in the odd number floor.

- (a) Both I and III
- (b) Only I
- (c) Both II and III
- (d) Only II
- (e) Only III

#### **Q88.** Who lives in Flat B of 2nd floor?

- (a) P
- (b) S (e) R
- (c) Q

- (d) T

#### 089. Who lives in the west of the one who likes Kosovo?

- (a) P
- (b) The one who likes Russia
- (d) The one who likes Norway (c) Q
- (e) Both (a) and (b)

#### Q90. Four of the following five are alike in a certain way and so form a group. Find the one who does not belong to that group?

- (a) U-Serbia
- (b) P-Russia
- (c) T-Greece
- (d) S-Kosovo
- (e) Q-Latvia
- **Q91.** In the given word "LAVISHLY" if all the consonants replaced with its previous letter and all the vowels replaced with its next letter after that remove all the repeated letter and arranged them in alphabetical order then, which of the following letters is 3rd from the left end?
- (a) I
- (b) R
- (c) U
- (d) G (e) B

#### Directions (92-94): Study the following information and answer the given questions

Point K is 12m to the West of point G. Point M is 4m to the North of Point K. Point J is 10m to the South of Point L. Point F is 6m to the West of point J. Point G lies exactly between Point L and Point J. Point F is 5m north of point O. Point Q is 18m west of point 0.

#### **Q92.** In which direction is Point J with respect to Point M?

- (a) North
- (b) Northwest (c) South
- (d) Southeast (e) None of these

#### Q93. What is the shortest distance between Point K and Point L?

- (a) 10m
- (b) 12m
- (c) 13m

- (d) 17m
- (e) None of these

#### Q94. If Point N is 12m to the East of Point Q, then what is the shortest distance between Point K and Point N?

- (a) 12m
- (b) 10m
- (c) 9m

- (d) 8m
- (e) 16m

#### Directions (95-99): Study the following information and answer the given questions.

5 persons like different color one after another. Only two persons after the one who likes red. One person between D and the one who likes red. There are as many persons after D as same as before the one who likes white. The one who likes Purple is before than one who likes White and after the one who likes Yellow but not just after. O is before L and after M, who does not like Green. K is between M and O.

#### **Q95.** How many persons after M?

- (a) Three
- (b) One
- (c) None

- (d) Two
- (e) Four

#### **Q96.** Who among the following like Purple? (a)

- (b) K
- (c) 0

- (d) M
- (e) None of these

#### 097. The number of persons between 0 and L is same as the number of persons between \_ and?

- (a) M-0
- (b) D-K
- (c) K-L

- (d) M-K
- (e) O-D

#### **098.** How many persons between M and the one who likes white?

- (a) None
- (b) Two
- (c) Three
- (d) Either (b) or (c)
- (e) None of these
- Q99. Four of the following five are alike in a certain way and so form a group. Find the one who does not belong to that group?
- (a) L-Purple (b) M-Yellow (c) O-Purple









(d) K-Red (e) D-Green

**Q100**. In the word 'OBSEQUIOUS', how many pairs of the letters have the same number of

letters between them in both forward and backward direction in the word as in alphabetical series?

(a) More than four (b) One

(c) None

(d) Three

(e) Two

# 













### IBPS PO Prelims (Memory Based Paper) Answer key

Q.1.	В	Q.13. A	Q.25. D	Q.37. E	Q.49. D	Q.61. A	Q.73. E	Q.85. B	Q.97. A	Q.109. <mark>A</mark>
Q.2.	E	Q.14. C	Q.26. A	Q.38. C	Q.50. E	Q.62. B	Q.74. C	Q.86. D	Q.98. <b>E</b>	Q.110. <mark>E</mark>
Q.3.	В	Q.15. B	Q.27. D	Q.39. B	Q.51. <b>C</b>	Q.63. C	Q.75. B	Q.87. B	Q.99. A	Q.111. <mark>B</mark>
Q.4.	В	Q.16. C	Q.28. A	Q.40. D	Q.52. <b>D</b>	Q.64. D	Q.76. E	Q.88. C	Q.100.C	Q.112. <mark>E</mark>
Q.5.	E	Q.17. D	Q.29. B	Q.41. B	Q.53. C	Q.65. E	Q.77. B	Q.89. B	Q.101.D	Q.113.B
Q.6.	D	Q.18. D	Q.30. B	Q.42. D	Q.54. <b>D</b>	Q.66. B	Q.78. E	Q.90. A	Q.102.B	Q.114.D
Q.7.	В	Q.19. A	Q.31. C	Q.43. B	Q.55. A	Q.67. A	Q.79. A	Q.91. D	Q.103.D	Q.115.B
Q.8.	A	Q.20. B	Q.32. A	Q.44. E	Q.56. <b>E</b>	Q.68. <b>C</b>	Q.80. D	Q.92. A	Q.104.E	Q.116. <mark>C</mark>
Q.9.	В	Q.21. <b>E</b>	Q.33. C	Q.45. C	Q.57. <b>E</b>	Q.69. B	Q.81. <b>C</b>	Q.93. A	Q.105.D	Q.117.E
Q.10.	C	Q.22. D	Q.34. A	Q.46. A	Q.58. <b>D</b>	Q.70. A	Q.82. A	Q.94. E	Q.106.A	Q.118.C
Q.11.	E	Q.23. <b>E</b>	Q.35. B	Q.47. D	Q.59. <b>B</b>	Q.71. C	Q.83. D	Q.95. C	Q.107.E	Q.119. <mark>A</mark>
Q.12.	A	Q.24. A	Q.36. B	Q.48. B	Q.60. D	Q.72. E	Q.84. D	Q.96. B	Q.108.B	Q.120.C













#### **Puzzles**

Directions (1-5): Study the following information carefully and answer the questions given below.

Seven persons viz., A, B, C, D, E, F and G are sitting around a circular table and facing towards centre but not necessarily in the same order.

D sits second to the left of G. Only two persons sit between A and G (either from left or right). B sits second to the left of A. Two persons sit between B and F. C sits second to the right of F. E sits third to the right of C.

- 1. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
- a) AF
- b) CG
- c) DB
- d) BE
- e) DC
- 2. Which of the following statement is/are true with respect to the final arrangement?
- a) Only one person sits between E and D, when counted from the right of E
- b) F sits fourth to the right of C
- c) D sits immediate left of A
- d) Both A and B are immediate neighbours
- e) E sits second to the left of F
- 3. How many persons sit between F and G, when counted from the left of G?
- a) One
- b) Two
- c) Three
- d) Four
- e) No one
- **4.** Who among the following person sits second to the left of D?
- a) The one who sits immediate right of C
- b) B
- c) F
- d) The one who sits second to the right of B

- e) None of these
- **5.** If one of the neighbours of F is D, then who among the following person is another neighbour?
- a) G
- b) A
- c) E
- e)B
- e) None of these

Directions (6-10): Study the following information carefully and answer the questions given below.

Seven persons L, M, N, O, P, Q and R are living on different floors of the seven storey building such that the lowermost floor is numbered as one and the floor immediately above it is numbered as two and so on.

- P lives on an odd numbered floor but above fourth floor. Only two persons live between P and L. N lives immediately below L. As many persons live above N as below R. M lives three floors below R. More than two persons live between M and Q.
- 6. If all the persons are arranged in alphabetical order from bottom to top, then the position of how many persons remains unchanged?
- a) One
- b) Two
- c) Three
- d) Four
- e) No one
- 7. Who among the following person lives three floors above L?
- a) Q
- b) P
- c) N
- d) 0
- e) M
- 8. On which of the following floor does Q live?
- a) Fourth floor









- b) Third floor
- c) Seventh floor
- d) First floor
- e) Sixth floor
- 9. If P is related to R and N is related to O in a certain way, then who among the following person is related to L?
- a) Q
- b) N
- c) M
- d) R
- e) None of these
- 10. How many persons live between N and R?
- a) As many persons live above 0
- b) Three
- c) Two
- d) As many persons live below M
- e) No one

Directions (11-15): Study the following information carefully and answer questions given below.

Six persons S, T, U, V, W and X bought the bike on two different dates either 7th or 26th of three different months viz. January, April and October of the same year but not necessarily in the same order.

V bought the bike in the month having 30 days. Only two persons bought between V and S. As many persons bought after S as before W. Only three persons bought between W and T. X bought either immediately before or immediately after T. U doesn't buy on an odd numbered date.

#### 11. X bought the bike in which of the following month and date?

- a) April 7
- b) October 26
- c) January 7
- d) April 26
- e) October 7
- 12. Four of the following five are alike in a certain way based on the given arrangement

and thus form a group. Which one of the following does not belong to the group?

- a) UV
- b) WS
- c) XT
- d) TS
- e) WU
- 13. How many persons bought the bike between S and U?
- a) One
- b) Two
- c) Three
- d) Four
- e) No one
- 14. As many persons bought the bike before U as after \_\_\_.
- a) W
- b) S
- c) V
- d) X
- e)T
- **15.** Which of the following statement(s) is/are true with respect to the final arrangement?
- I. T bought the bike on April 7
- II. W bought immediately after U
- **III.** Only three persons bought between S and U
- a) Only I and II
- b) Only III
- c) Only I and III
- d) Only II
- e) All I, II and III

Directions (16-20): Study the following information carefully and the answer questions given below.

Ten persons are sitting in two parallel rows in such a way that there is an equal distance between adjacent persons. In row 1 G, H, I, J and K are seated and all of them are facing south. In row 2 V, W, X, Y and Z are seated and all of them are facing north. Each person in row 1 faces exactly one person in row 2.









X sits third to the right of Z. Only one person sits between I and the one who faces X. K sits immediate left of I. G sits second to the right of K. The one who faces G sits second to the left of Y. Only two persons sit between Y and V, who doesn't face H.

#### 16. What is the position of J with respect to the one who sits opposite to W?

- a) Immediate right
- b) Immediate left
- c) Second to the left
- d) Third to the left
- e) Second to the right

#### 17. Who among the following person sits to the left of the one who sits immediate left of Y?

- a)Z
- b) W
- c) V
- d) Both a and c
- e) Both b and c

#### 18. Who among the following person sits second to the left of I?

- a) The one who sits immediate left of K
- b) I
- c) G
- d) The one who sits opposite to Y
- e) None of these

#### 19. Which among the following pair of persons sits at the extreme end?

- a) Z. G
- b) K, V
- c) I, X
- d) W, K
- e) I, Y

#### 20. Who among the following person sits opposite to H?

- a) V
- b) X
- c) Z
- d) W
- e) Y

#### Directions (21-25): Study the following information carefully and answer the given auestions.

Eight persons – A, B, C, D, E, F, G and H are sitting in a linear row and facing north.

D sits at one of the extreme ends. Only three persons sit between D and H. As many persons sit to the left of H as to the right of A. F sits second to the right of A. G sits fourth to the left of F. Both G and B are immediate neighbours. Only three persons sit between B and C, who is not an immediate neighbour of E.

#### 21. Which of the following pair of persons are immediate neighbours?

- a) EG
- b) CF
- c) BD
- d) GC
- e) HD

#### 22. As many persons sit between A and B as between G and \_\_.

- a) The one who sits second to the right of B
- b) D
- c) E
- d) B
- e) The one who sits immediate left of F

#### 23. If all the persons are made to sit in alphabetical order from the left end, then how many persons are unchanged in their positions?

- a) No one
- b) Four
- c) Three
- d) One
- e) Two

#### 24. What is the position of E with respect to H?

- a) Immediate right
- b) Immediate left
- c) Third to the left
- d) Second to the left
- e) Second to the right









### 25. Which of the following statement(s) is/are true as per the given arrangement?

I. Only two persons sit to the left of A

II. Both C and F are not immediate neighbours

III. B sits to the immediate left of G

- a) Only III
- b) Only I and III
- c) Only II and III
- d) Only I
- e) All I, II and III

# Directions (26-30): Study the following information carefully and answer the given questions.

Seven persons – L, M, N, O, P, Q and R are working in a bank at different designations such as Chairman, Managing director (MD), Chief executive officer (CEO), Manager, Specialist officer (SO), Probationary officer (PO), and Clerk. The designations are given in decreasing order such as the Chairman is the senior most designation and Clerk is the junior most designation. O is senior to more than four persons. Only one person is designated between O and L. N is three persons junior to L. As many persons senior to N as junior to M. Q is immediately junior to P. R is not designated as a clerk.

### **26.** Who among the following person is designated as Chief executive officer (CEO)?

- a) M
- b) 0
- c) R
- d) Q
- e) L

### **27.** P is designated in which of the following designations?

- a) Probationary officer (PO)
- b) Chairman
- c) Clerk
- d) Managing director (MD)
- e) Specialist officer (SO)

### **28.** How many persons are designated between M and R?

a) Five

- b) As many persons designated between P and
- N
- c) Three
- d) Four
- e) As many persons designated between 0 and P

### 29. Who among the following person is two persons senior to N?

- a) Q
- b) L
- c) M
- d) P
- e) 0
- 30. If M is related to Managing Director (MD) and P is related to Probationary officer (PO) in a certain way, then in the same way who among the following person is related to Clerk?
- a) L
- b) 0
- c) Q
- d) R
- e) N

# Directions (31-35): Study the following information carefully and answer the given questions.

Eight persons – G, H, I, J, K, L, M and N are eating three different chocolates viz. Eclairs, Snickers and bounty. At least two persons but not more than three persons eat the same chocolate.

J and K eat the same chocolate, but not eats bounty. M neither eats the same chocolate as K nor eats eclairs. H and L eat different chocolates but none of them eats the same chocolate as M. L doesn't eat snickers. L and N eat the same chocolate. I does not eat the same chocolate as N. G neither eats the same chocolate as I nor eats bounty.

31. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?

a) LI











- b) KH
- c) ML
- d) NI
- e) GJ

### **32.** Which of the following statement(s) is/are true as per the given arrangement?

- I. G eats snickers
- II. N eats the same chocolate as J
- **III.** Both G and M eat the different chocolates
- a) Only II
- b) Only I and III
- c) Only II and III
- d) Only III
- e) All I, II and III

### **33.** Who among the following person eats bounty?

- a) M
- b) L
- c) N
- d) H
- e) None of these

### **34.** Which of the following combination is true?

- a) G-Snickers
- b) H-Eclairs
- c) K-Bounty
- d) L-Bounty
- e) N-Eclairs

### **35.** Who among the following person eats the same chocolates as M?

- a) L
- b) J
- c) I
- d) N
- e) None of these

# Directions (36-40): Study the following information carefully and answer the given questions.

Seven people – R, S, T, U, V, W and X bought a thing one after another on different occasions. Only two people bought a thing between R and V. W bought two persons after V. Only three people bought between W and S, who bought before W. X bought immediately after S. Only one person bought between X and U. T bought before U but not bought immediately before S.

### **36.** As many people bought a thing before R as after \_\_\_.

- a) T
- b) V
- c) W
- d) U
- e)S

# **37.** If T is related to X and S is related to U in a certain way, then in the same way who among the following person is related to W?

- a) V
- b) U
- c) X
- d) R
- e) None of these

### **38.** How many people bought a thing between V and X?

- a) As many people bought immediately before R
- b) Two
- c) Three
- d) Four
- e) As many people bought between W and U

# 39. If all the people bought a thing in alphabetical order from the first, then who among the following person remains unchanged in their position?

- a) U
- b) V
- c) W
- d) R
- e) S

### **40**. Who among the following person bought a thing at last?

- a) W
- b) U
- c) R
- d) S
- e) X











Direction (41-45): Study the following information carefully and answer the questions given below.

Certain number of persons are sitting in a linear row facing north with equal distance between each other.

Only five persons sit between W and O. G sits fourth to the right of O. L sits to the immediate left of G. As many persons sit between L and W as between W and Y, who sits at one of the extreme ends. Only nine persons sit between Y and R. P sits seventh to the left of R. M sits third to the right of P. X sits exactly between M and L.

### **41.** Who among the following person sits third to the right of X?

- a) W
- b) R
- c) 0
- d) L
- e) G

### **42.** If G sits at one of the extreme ends, then how many persons are sitting in the row?

- a) 19
- b) 20
- c) 22
- d) 18
- e) 25

### **43.** As many persons sit between X and G as between P and \_\_.

- a) L
- b) 0
- c) P
- d) M
- e) R

### **44.** How many persons are sitting between M and O?

- a) Nine
- b) Seven
- c) Five
- d) Eight
- e) Ten

# 45. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?

- a) PM
- b) OL
- c) WX
- d) RG
- e) YP

Direction (46-50): Study the following information carefully and answer the questions given below.

Seven persons - M, N, O, P, Q, R and S got the award in different months- January, March, April, July, August, September and November of the same year.

O got the award in the month which has an even number of days and two persons after N. As many persons got the award before N as after P. M got the award two persons before P. S got the award immediately after M. R got the award four months before Q.

### **46.** Which of the following combination is true?

- a) R-November
- b) O- September
- c) M-April
- d) Q-July
- e) S-January

#### 47. Who got the award four persons after R?

- a) S
- b) P
- c) N
- d) 0
- e) M

### **48**. As many persons got the award between N and Q as between S and \_

- a) P
- b) 0
- c) R
- d) M
- e) Q











- 49. Which of the following statements is/are not true based on the given information?
- a) S and P got the award before Q
- b) Only three persons got the award between N
- c) O got the award immediately before Q
- d) Both a and b
- e) Both a and c
- **50.** If all the persons got the award in reverse alphabetical order from January, then how many persons got the award in the same month?
- a) No one
- b) One
- c) Two
- d) Three
- e) More than three

Direction (51-55): Study the following information carefully and answer questions given below.

Seven persons - A, B, C, D, E, F and G visit the hospital on seven different days of the week from Monday to Sunday but not necessarily in the same order.

F visits the hospital four days before D. B visits immediately before F. As many persons visit before B as after G. Only one person visits between G and A. As many persons visit between F and A as between G and E, who does not visit adjacent to C.

- 51. Who among the following person visits the hospital on Monday?
- a) B
- b) A
- c) G
- d) C
- e)D
- **52.** If C and F are interchanged their position in the same way B and G are interchanged their position, then how many persons visit the hospital between B and C?
- a) No one
- b) One

- c) Two
- d) Three
- e) More than three
- 53. Which of the following pair of persons visit the hospital on the adjacent days?
- a) CA
- b) GF
- c) BE
- d) DG
- e) FC
- 54. Who among the following person visits the hospital three persons before E?
- a) C
- b) The one who visits on Wednesday
- c) A
- d) G
- e) The one who visits immediately after C
- **55.** What is the position of G with respect to B?
- a) Two persons before
- b) Three persons after
- c) Immediately before
- d) Four persons after
- e) None of these

Direction (56-60): Study the following information carefully and answer questions given below.

Eight persons - D, E, F, G, H, I, J and K are sitting around a square table in such a way that four persons are sitting in the middle of the sides of the tables and facing towards the centre while the remaining four persons are sitting at the corners and facing away from the centre.

I sits third to the right of G. Two persons sit between G and H. E sits second to the left of H. As many persons sit between E and I as between H and K. F is an immediate neighbour of K. D sits second to the right of F, who does not face J.

- **56.** Who among the following person is sitting at the corner of the table?
- a) E
- b) K
- c) I











- d) H
- e) F
- 57. Who among the following person sits second to the right of D?
- a) G
- b) I
- c) I
- d) H
- e) E
- 58. How many persons are sitting between D and E, when counted from the left of D?
- a) No one
- b) One
- c) Two
- d) Three
- e) More than three
- 59. Which of the following statements is/are false based on the given information?
- a) D and G are facing each other
- b) I sits opposite to E
- c) I sits adjacent to H
- d) All the given statements are true
- e) All the given statements are false
- 60. If one of the neighbours of E is G, then who among the following is the second neighbour?
- a) I
- b) D
- c) I
- d) H
- e) F

Directions (61-65): Study the following information carefully and answer the given questions.

Eight persons - P, Q, R, S, T, U, V and X are sitting around a rectangular table in such a way that three persons are sitting on each longer side while one person is sitting on each shorter side of the table. All of them are facing the centre of the table.

One person sits between T and V, where both of them sit on the longer side of the table but doesn't face each other. S sits third to the right of V. Only three persons sit between S and R. U is facing X. Neither T nor P sits adjacent to X.

- 61. Who among the following person sits third to the left of R?
- a) Q
- b) The one who is facing T
- c) V
- d) T
- e) The one who is facing S
- 62. How many persons sit between P and R, when counted from the left of P?
- a) One
- b) Two
- c) No one
- d) three
- e) Four
- 63. What is the position of Q with respect to U?
- a) Second to the left
- b) Fourth to the right
- c) Fifth to the left
- d) Third to the left
- e) Third to the right
- 64. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
- a) PT
- b) QV
- c) XS
- d) SR
- e) UX
- **65.** S sits \_\_\_ to the \_\_\_ of X?
- a) Second, right
- b) Third, left
- c) Fifth, right
- d) Fourth, left
- e) Fifth, left

Directions (66-70): Study the following information carefully and answer the given questions.











Six boxes - J, N, P, R, S and T are kept one above another in a single stack, but not necessarily in the same order.

Only one box is kept between box N and box J. Box S is kept immediately below box J. Box R is kept two boxes above box S. Only box R is kept adjacent to box T.

### **66.** Which of the following box is kept at the topmost position?

- a) J
- b) S
- c) P
- d) T
- e) N

### 67. How many boxes are kept between P and J?

- a) As many boxes kept above R
- b) Three
- c) None
- d) As many boxes kept below S
- e) More than three

#### 68. S and \_\_ are the adjacent boxes of N?

- a) J
- b) P
- c) R
- d) T
- e) None of these

### 69. Which of the following box is kept two boxes below box S?

- a)R
- b) I
- c) N
- d) T
- e) P

# 70. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?

- a) TJ
- b) RS
- c) RP
- d) JN
- e) SP

## Directions (71-75): Study the following information carefully and answer the given questions.

Six persons - J, K, P, U, R and M were born in six different years such as 1985, 1988, 1989, 1994, 1996 and 1999. No two persons were born in the same year.

K was born in an even numbered year. U was born in a leap year after K. Only one person was born between U and J. M was born after P but before R. At least three persons were born between M and R.

### **71.** Who among the following person was born after U?

- a) The one who was born in 1985
- b) M
- c) The one who was born in 1999
- d) J
- e) None of these

#### 72. M was born in which of the following year?

- a) 1999
- b) 1989
- c) 1996
- d) 1994
- e) 1988

### 73. Who among the following person was born in 1985?

- a) R
- b) U
- c) M
- d) P
- e) I

### **74.** How many persons were born between M and K?

- a) One
- b) Two
- c) No one
- d) Three
- e) Four

### **75.** Who among the following person was born in an odd numbered year?

a) M











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- b) J
- c) R
- d) Both (a) and (c)
- e) Both (b) and (c)

Directions (76-80): Study the following information carefully and answer the given questions.

Eight persons - F, G, H, I, J, K, L and M live on four different floors of a four storey building where the lowermost floor is numbered 1 and the floor immediately above it is numbered 2 and so on.

**Note I:** Each floor has two flats viz., flat 1 and flat 2. Flat 1 is in the west of Flat 2.

**Note II:** Floor 2 of Flat 1 is immediately above Floor 1 of Flat 1 and immediately below Floor 3 of Flat 1 and so on. Similarly for Flat 2.

**Note III:** Area of each flat on each floor is same **Note IV:** Only one person lives in each flat and only two persons live on each floor.

L lives on an odd numbered floor. M lives immediately below L in different flats. As many floors above M as below I. Only one floor is between I and H, who lives southeast of F. No one lives to the east of G, who doesn't live on the same floor as F. K lives above J in the same flat.

### 76. Who among the following person lives immediately above J's flat?

- a) K
- b) F
- c) G
- d) I
- e) H

### 77. Who among the following person lives on floor 4 of Flat 1?

- a) L
- b) F
- c) M
- d) K
- e) I

### 78. On which of the following floor and flat does F live?

- a) Floor1, Flat1
- b) Floor2, Flat1

- c) Floor1, Flat2
- d) Floor4, Flat1
- e) Floor2, Flat2

# 79. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?

- a) G
- b) K
- c) L
- d) F
- e) J

### **80.** Which of the following statement is true based on the given information?

- a) No one lives below M
- b) K and M are living on adjacent floors
- c) I lives north of J
- d) Only one floor is between J and G
- e) M and F are living on the same floor

## Direction (81-85): Study the following information carefully and answer the given questions:

Seven persons - A, B, C, D, E, F, and G are sitting in a linear row and facing north. D sits third to the left of C but none of them sits at the extreme ends.

Only one person sits between C and A. F sits second to the left of A. The number of persons sitting to the left of F is one less than the number of persons sitting to the right of E. More than three persons sit between G and B, who is an immediate neighbour of C.

### **81.** Who among the following sits third to the right of G?

- a) E
- b) D
- c) A
- d) B
- e) F

#### 82. How many persons sit between D and B?

- a) None
- b) As many persons sit between F and C
- c) Two











- d) One
- e) As many persons sit to the left of E

#### 83. Which of the following statement(s) is/are not true about A?

- a) D sits immediate right of A
- b) More than two persons sit to the right of A
- c) A is not an immediate neighbour of B
- d) C sits second to the right of A
- e) All the given statements are true
- 84. If all the persons are made to sit in the alphabetical order from left to right, then how many persons remain unchanged in their position?
- a) Three
- b) None
- c) Two
- d) One
- e) None of these
- **85.** What is the position of F with respect to E?
- a) Second to the right
- b) Fifth to the left
- c) Immediate right
- d) Fourth to the left
- e) Third to the left

#### Direction (86-90): Study the following information carefully and answer the given questions:

Eight persons - P, Q, R, S, T, U, V and W live on different floors of an eight storey building where the lowermost floor is numbered one and the floor immediately above it is numbered two and so on.

T lives on a prime numbered floor but below fourth floor. Only three persons live between T and V. S lives three floors above R, who lives on an even-numbered floor. Only one person lives between R and Q. More than two persons live between U and Q. P doesn't live on an even numbered floor.

86. Who among the following person lives three floors above T?

a) Q

- b) U
- c) S
- d) W
- e)R

#### 87. Which of the following statement is TRUE as per the given arrangement?

- a) P lives on a prime numbered floor
- b) U lives three floors above W
- c) Only two persons live between P and Q
- d) S lives on an even numbered floor
- e) None of these

#### 88. Who among the following person lives immediately below Q?

- a)R
- b) T
- c) W
- d) V
- e) P

#### 89. How many persons live between U and R?

- a) As many persons live below R
- b) Two
- c) Three
- d) Four
- e) As many persons live above T

#### 90. Four of the following are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?

- a) T
- b) Q
- c) W
- d) R
- e) U

#### Direction (91-95): Study the following information carefully and answer the given questions:

A certain number of persons are sitting around a circular table facing the centre. At least 15 persons are sitting around the table.

Q sits third to the right of P. U sits fourth to the left of P. S is an immediate neighbour of U. V sits third to the left of S. Three persons sit between V and R,









who is not an immediate neighbour of S. One person sits between R and T, who sits immediate right of Q. T sits exactly opposite to U.

#### 91. How many persons sit around the circular table?

- a) 15
- b) 16
- c) 18
- d) 17
- e) 20
- 92. Who among the following person sits third to the left of P?
- a) S
- b) V
- c) R
- d) Q
- e) T
- 93. Who among the following sits third to the right of Q?
- a) R
- b) V
- c) S
- d) U
- e) None of these
- 94. What is the position of U with respect to T?
- a) Immediate left
- b) Second to the left
- c) Eighth to the left
- d) Fifth to the right
- e) None of these
- 95. How many persons sit between P and V, when counted from the left of P?
- a) Four
- b) Three
- c) Six
- d) Five
- e) None

Direction (96-100): Study the following information carefully and answer the given questions:

Eight students - K, L, M, N, O, P, Q, and R wrote three different exams viz., Bank, SSC, and Railway. At least two but not more than three students wrote the same exam. M wrote the same exam only with Q. P does not write SSC exam. K wrote the same exam as P but not Railway exam. R and O wrote the same exam but not Bank exam. L neither wrote Railway nor wrote bank exam.

#### 96. If P is related to K and L is related to O in a certain way, then in the same way who among the following person is related to Q?

- a) M
- b) P
- c) N
- d) 0
- e) None of these

#### 97. Which of the following statement is TRUE as per the given arrangement?

- a) P does not write the same exam as N
- b) M wrote SSC exam
- c) 0 and K wrote different exams
- d) R wrote Railway exam
- e) None of these

#### 98. Which of the following pair of students wrote the same exam?

- a) 0, K
- b) Q, 0
- c) K, L
- d) P, N
- e) None of these

#### 99. Who among the following student wrote the same exam as L?

- a) P
- b) 0
- c) K
- d) N
- e) None of these

#### **100.** Who among the following student wrote SSC exam?

- a) K
- b) N
- c) L
- d) R











e) Both R and L

#### Direction (101-105): Study the following information carefully and answer the given questions.

Eight persons - A, B, C, D, E, F, G and H are sitting around a square table in such a way that four of them are sitting at the corners and facing the centre while four of them are sitting in the middle of the sides and facing away from the centre.

C sits third to the right of G. One person sits between G and B, who doesn't sit adjacent to C. Only three persons sit between B and F. F sits second to the left of D. E sits opposite to A, who neither sits adjacent to B nor sits at the corner of the table.

#### 101. How many persons sit between C and F, when counted from the left of F?

- a) None
- b) Two
- c) One
- d) Three
- e) More than Three

#### **102.** Who among the following person faces D?

- a) G
- b) C
- c) H
- d) B
- e) None of these

#### 103. What is the position of H with respect to **E?**

- a) Immediate left
- b) Second to the right
- c) Immediate right
- d) Second to the left
- e) Third to the right
- **104.** Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
- a) E
- b) C
- c) F

- d) A
- e) H

#### **105.** Which of the following pair of persons are immediate neighbours?

- a) A, H
- b) B, E
- c) F, G
- d) D, H
- e) A, C

#### Direction (106-110): Study the following information carefully and answer the given questions.

Six persons - M, N, O, P, Q and R joined the camp on two different dates either 5th or 10th of three different months viz., April, May and June of the same year.

O joined the camp in the month having an odd number of days. As many persons joined after 0 as before R. Only two persons joined between R and M. P joined the camp on the same date as M. N joined the camp after Q but not immediately after P.

#### 106. Who among the following person joined the camp in June?

- a) The one who joined immediately before N
- b) R
- c) 0
- d) The one who joined immediately before M

#### 107. If all the persons joined the camp in alphabetical order from April 5, then who among the following person remains unchanged in their position?

- a) M
- b) P
- c) 0
- d) Q
- e) No one

#### 108. How many persons joined the camp between P and O?

- a) No one
- b) One









- c) Four
- d) Three
- e) Two
- **109.** Who among the following person joined the camp on 10th April?
- a) Q
- b) R
- c) P
- d) 0
- e) M
- **110.** R joined the camp in which of the following month and date?
- a) May-5th
- b) April-5th
- c) June-10th
- d) May-10th
- e) April-10th

Direction (111-115): Study the following information carefully and answer the given questions.

Ten persons are sitting in two parallel rows containing five persons each in such a way that there is an equal distance between adjacent persons.

**In row 1:** A, B, C, D and E are seated and all of them are facing north.

**In row 2:** P, Q, R, S and T are seated and all of them are facing south. Each person in row 1 faces another person in row 2.

Only one person sits between Q and T, where none of them sits at the extreme end of the row. T faces the one who sits immediate left of D. R sits second to the right of S, who faces A. Only three persons sit to the right of C, who doesn't face Q. B sits to the left of C.

- 111. If C is related to T and A is related to S in a certain way, then in the same way who among the following person is related to R?
- a) B
- b) Q
- c) D
- d) S
- e) E

- **112.** Who among the following person sits exactly between Q and T?
- a) The one who faces C
- b) S
- c) P
- d) The one who faces D
- e) No one
- **113.** As many persons sit to the left of S as to the right of \_\_\_\_.
- a) B
- b) T
- c) E
- d) A
- e) D
- 114. Who among the following person faces D?
- a) R
- b) S
- c) T
- d) P
- e)Q
- **115.** Who among the following person sits third to the right of B?
- a) C
- b) D
- c) A
- d) No one
- e) E

Direction (116-120): Study the following information carefully and answer the given questions.

Seven persons - P, Q, R, S, T, U and V are working in the company at different designations such as CFO, COO, CEO, CMO, CIO, CTO and Director. The designations are given in decreasing order such as CFO is the senior-most designation and Director is the junior-most designation.

R is designated junior to CMO but not a Director. Only three persons are designated between R and V. More than three persons are designated between V and P, who is not CTO. Only two persons are designated between P and U. Q is senior to S but junior to T. T is not the senior most designated person.







### **116.** Who among the following person is the third senior most employee?

- a) U
- b) V
- c) Q
- d) T
- e) P

#### 117. How many persons are junior to S?

- a) No one
- b) One
- c) Three
- d) Four
- e) More than Four

### **118.** Who among the following person is the COO?

- a) T
- b) S
- c) U
- d) V
- e) R

### **119.** What is the position of U with respect to R?

- a) Immediately junior
- b) Two persons senior
- c) Two persons junior
- d) Immediately senior
- e) None of these

#### **120.** What is the designation of V?

- a) Director
- b) CIO
- c) CMO
- d) CTO
- e) CFO

## Directions (121-125): Study the following information carefully and answer the given questions.

Seven movies – A, B, C, D, E, F and G were screened on seven different days from Monday to Sunday of the same week. Only one movie was screened on each day.

C was screened on one of the days before Wednesday. Only two movies were screened between C and G. B was screened two days after G. As many movies were screened before B as after A. F was screened before D but after E, which was not screened immediately after A.

### **121.** Which of the following movie was screened on Thursday?

- a) Movie G
- b) Movie F
- c) Movie A
- d) Movie D
- e) Movie G

### **122.** How many movies were screened between E and G?

- a) As many movies screened before C
- b) Two
- c) Three
- d) Four
- e) As many movies screened after B

# 123. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?

- a) EF
- b) DB
- c) AD
- d) FG
- e) CE

### **124.** Which of the following statement(s) is/are TRUE as per the given arrangement?

- I. Movie B was screened on Friday
- **II.** Both movies E and G were screened on consecutive days
- $\boldsymbol{III.}$  Only two movies were screened between  $\boldsymbol{E}$  and  $\boldsymbol{D}$
- a) Only II
- b) Only I
- c) Only II and III
- d) Only I and III
- e) Only III

### **125.** Which of the following movie was screened immediately after A?

- a) Movie E
- b) Movie G











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- c) Movie B
- d) Movie C
- e) Movie D

Directions (126-130): Study the following information carefully and answer the given questions.

Eight persons – S, T, U, V, W, X, Y and Z are taking the question paper in the physics lab one after another. No other persons take the question paper other than the given persons.

Only three persons take between W and S. Only one person takes between S and Z, who takes after S. U takes three persons before Z. T takes immediately before U. As many persons take between T and W as between U and X, who takes after U. V takes before X but after Y, who doesn't take at first.

#### 126. As many persons take the question paper after V as before\_\_\_.

- a) X
- b) Y
- c) T
- d) S
- e) W

#### 127. Who among the following person takes the question paper immediately after W?

- a) The one who takes at last
- b) Y
- c) S
- d) Z
- e) The one who takes two persons after Y

#### **128.** If all the persons are taking the question paper in alphabetical order from first, then the position of how many persons remains unchanged?

- a) One
- b) Two
- c) Three
- d) Four
- e) No one

#### 129. If T is related to S and Y is related to V in a certain way, then in the same way who among the following person is related to X?

- a) U
- b) V
- c) W
- d) S
- e)Z

#### 130. How many persons take the question paper after Z?

- a) Four
- b) Five
- c) Three
- d) One
- e) No one

#### Directions (131-135): Study the following information carefully and answer the given questions.

Eight persons - F, G, H, I, J, K, L and M are sitting around a circular table and facing away from the centre.

J sits third to the right of F. Only one person sits between F and H (either from left or right). L sits three places away from H. K sits immediate right of L. I sits second to the right of M, who is not an immediate neighbour of G.

#### 131. Who among the following person sits second to the right of G?

- a) H
- b) I
- c) K
- d) M
- e) J

#### 132. Who among the following pair of persons are immediate neighbours?

- I. IL
- II. FL
- III. HI
- a) Only I and III
- b) Only II
- c) Only I and II
- d) Only I
- e) Only III











#### 133. How many persons sit between I and K, when counted from the left of K?

- a) One
- b) Two
- c) Three
- d) Four
- e) No one
- 134. If K is related to H and M is related to J in a certain way, then in the same way who among the following person is related to F?
- a) L
- b) G
- c) K
- d) I
- e) M
- 135. If one of the neighbours of K is L, then who among the following person is another neighbour?
- a) The one who sits opposite to J
- b) I
- c) F
- d) I
- e) The one who sits opposite to H

Directions (136-140): Study the following information carefully and answer the given questions.

Seven persons – N, O, P, Q, R, S and T applied LLR in seven different months viz. January, March, April, May, July, September and December of the same year.

Q applied LLR in the month having 30 days. Only four months are between the months in which Q and N applied for the LLR. As many persons applied after N as before T. Only one person applied between T and O. R applied three persons before O. Only three persons applied between R and P.

#### 136. S applied LLR in which of the following month?

- a) March
- b) December
- c) January
- d) April

- e) July
- 137. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
- a) R
- b)S
- c) P
- d) N
- e)T
- 138. How many months are there between the months in which R and P applied for LLR?
- a) 9 months
- b) 3 months
- c) 5 months
- d) 10 months
- e) 2 months
- 139. Who among the following person applied LLR in July month?
- a) The one who applied immediately after T
- b) R
- c) 0
- d)S
- e) The one who applied two persons after Q
- 140. Which among the following pair of persons applied consecutively?
- a) RT
- b) NO
- c) QP
- d) TS
- e) RQ

Directions (141-145): Study the following information carefully and answer the given questions.

Eight persons - A, B, C, D, E, F, G and H are sitting around a rectangular table in such a way that two persons are sitting on each longer side while four persons are sitting at the corners. All the persons are facing towards the centre of the table.

E sits second to the left of G, who sits at the corner of the table. B sits immediate left of E. D faces B. H, who is an immediate neighbour of D and faces







A. Only one person sits between H and F, when counted from the right of H.

#### 141. Who among the following person sits second to the right of G?

- a) D
- b) H
- c) F
- d) A
- e) C

#### 142. How many persons sit between F and D, when counted from the left of D?

- a) One
- b) Three
- c) None
- d) Four
- e) Two

#### 143. If all the persons are made to sit in the alphabetical order starting from A in an anticlockwise direction, then how many persons remain unchanged in their position (excluding A)?

- a) One
- b) Two
- c) None
- d) Three
- e) Four

#### 144. Four of the following are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?

- a) E
- b) H
- c) C
- d) A
- e)D

### 145. What is the position of B with respect to

- a) Fourth to the left
- b) Fifth to the right
- c) Third to the right
- d) Second to the left
- e) Sixth to the right

#### Directions (146-150): Study the following information carefully and answer the given auestions.

A certain number of persons are sitting in a linear row and facing north.

Only two persons sit between K and R. N sits second to the left of K.P sits fifth to the left of N and sits at the extreme end. Only five persons sit between P and Q.M sits third to the right of Q. As many persons sit between M and R as between R and 0, who sits at the extreme end.

#### **146.** How many persons are sitting in the row?

- a) 12
- b) 10
- c) 11
- d) 13
- e) 14

#### 147. What is the position of K with respect to 0?

- a) Fifth to the right
- b) Third to the left
- c) Second to the left
- d) Sixth to the right
- e) Fourth to the left

#### **148.** How many persons sit between N and O?

- a) Three
- b) Seven
- c) Four
- d) Five
- e) Six

#### 149. As many persons sit between P and N as between \_\_\_ and 0.

- a) N
- b) M
- c) Q
- d) K
- e) P

#### **150.** Who among the following person sits fourth to the left of Q?

- b) The one who sits second to the right of P
- c) K











- d) The one who sits immediate left of R
- e)R

Directions (151-155): Study the following information carefully and answer the given questions.

Eight persons - P, Q, R, S, T, U, V and W live on four different floors of a four-storey building where the lowermost floor is numbered one and the floor immediately above it is numbered two and so on.

Note-I: Each floor has two flats viz., Flat-A and Flat-B. where Flat A is to the west of flat B.

Note-II: Flat B of floor numbered two is immediately above Flat B of floor numbered one and so on. Similarly Flat A of floor numbered three is immediately below Flat A of floor numbered four and so on.

**Note-III:** Area of each flat on each floor is same. Note-IV: Only one person lives in each flat and only two persons live on each floor.

S lives on an even numbered floor but below floor 3. Only one floor is between S and Q, where both of them live in the same type of flat. W lives immediately below Q. No one lives to the east of W. R lives two floors below W and lives to the east of T. U lives immediately above T. No floor is between U and V, where both of them live in different types of flats.

#### 151. Who among the following person lives on the second floor?

- a) Q
- b) W
- c) U
- d) P
- e) T

#### 152. Who among the following person lives to the south of P?

- a) W
- b) T
- c) U
- d)Q
- e) Both (a) and (c)
- **153**. \_\_\_\_ and \_\_\_\_ live in the same flat.

- a) T, P
- b) W, R
- c) Q, P
- d) W, V
- e) U, S

#### 154. Who among the following person lives on the third floor of Flat B?

- a) P
- b) U
- c) T
- d) W
- e) V

#### **155.** How many persons live below V?

- a)Three
- b) Four
- c) None
- d) Two
- e) Six

#### Directions (156-160): Study the following information carefully and answer the given questions.

Six boxes viz., M, N, U, T, I and G are kept one above another in a single stack.

Only two boxes are kept between Box M and Box T. Box G is kept immediately above Box T. Only one box is kept between Box G and Box N. Box I is kept adjacent to Box N. Box U is kept two boxes below Box I.

#### **156.** Which among the following box is kept immediately above box N?

- a) M
- b) T
- c) U
- d) G
- e) I

#### 157. How many boxes are kept between box G and box M?

- a) As many boxes kept between boxes T and N
- b) Two
- c) As many boxes kept below box N
- d) One
- e) Four











- 158. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
- a) GT
- b) MU
- c) NI
- d) TN
- e) IU
- **159.** What is the position of box I with respect to box T?
- a) Immediately below
- b) Two boxes above
- c) Immediately above
- d) Two boxes below
- e) Three boxes below
- **160.** Which of the following box is kept exactly between box T and box U?
- a) I
- b) M
- c) G
- d) N
- e) Either a or b
- Directions (161-165): Study the following information carefully and answer the given questions:

Six persons - A, B, C, D, E and F were born in six different years viz. 1975, 1986, 1992, 1995, 2001 and 2005. Calculate their ages based on the year 2022.

The age of F is a prime number. Only two persons were born between A and F. The age difference between A and E is 6 years. Only two persons were born between E and D. B is younger than C, whose age is not an odd number.

- **161.** Who among the following person was born in 1986?
- a) A
- b) E
- c) D
- d) B
- e) C

- **162.** What is the age difference between E and B?
- a) 5 years
- b) 4 years
- c) 10 years
- d) 8 years
- e) 9 years
- 163. What is the age of B?
- a) 47
- b) 27
- c) 36
- d) 17
- e) 21
- **164.** Who among the following person is 20 years elder than A?
- a) F
- b) D
- c) C
- d) B
- e) None of these
- **165.** A was born in which of the following year?
- a) 1975
- b) 1986
- c) 1992
- d) 1995
- e) 2001
- Directions (166-170): Study the following information carefully and answer the given questions:

Seven persons - P, Q, R, S, T, U, and V are sitting in a linear row and facing towards north.

S sits third from one of the extreme ends of the row. Only two persons sit between S and R. U sits immediate left of R. Q sits three places away from U. P sits second to the right of Q. V sits to the left of T, who is not an immediate neighbour of P.

- **166.** As many persons sit to the right of U as to the left of \_\_\_\_
- a) Q
- b) S
- c) R











- d) P
- e) T

#### 167. How many persons sit between Q and T?

- a) As many persons sit to the right of U
- b) Three
- c) As many persons sit between V and R
- d) One
- e) None

## **168.** Who among the following person sits third to the right of the one who sits immediate left of P?

- a) Q
- b) R
- c) T
- d) U
- e) S

### **169.** Which of the following statements is/are TRUE as per the given arrangement?

- **I.** More than two persons sit between Q and V
- II. R is not an immediate neighbour of P
- **III.** T does not sit second to the left of S
- a) Only I
- b) Only II and III
- c) Only III
- d) Only I and II
- e) All are true

### **170.** Who among the following person sits exactly in the middle of the row?

- a) P
- b) T
- c) Q
- d) V
- e)S

## Directions (171-175): Study the following information carefully and answer the questions below:

A certain number of persons are sitting around a circular table facing the centre of the table. Atleast 12 persons sitting at the table.

Two persons sit between D and F. A sits third to the right of C, who sits immediate right of F. One person sits between A and L, who is not an immediate neighbour of C. As many persons sit between L and C as between D and L. B sits second to the left of D. E is an immediate neighbour of B. More than one person sits between E and D when counted from the right of E.

### **171.** How many persons sit around the circular table?

- a) 16
- b) 17
- c) 14
- d) 15
- e) None of these

### **172**. How many persons sit between A and B, when counted from the right of A?

- a) Two
- b) More than four
- c) Three
- d) Four
- e) None

### **173.** What is the position of E with respect to F?

- a) Tenth to the right
- b) Sixth to the left
- c) Seventh to the left
- d) Eighth to the right
- e) Both (b) and (d)

### **174.** Which of the following statement is true about L?

- a) L is an immediate neighbour of E
- b) More than two persons sit between L and A, when counted from the right of A
- c) C sits fifth to the left of L
- d) D is an immediate neighbour of the one who sits third to the right of L
- e) None of these

## 175. If X sits immediate right of C, then who among the following person sits fifth to the left of X?

- a) L
- b) B
- c) D
- d) E
- e) None of these











#### Directions (176-180): Study the following information carefully and answer questions below:

Six persons - A, B, C, D, E, and F were born on two different dates either 7th or 15th of three different months viz., October, November, and December of the same year.

B was born in the month which has an odd number of days but on a prime number date. Only two persons were born between B and A. The number of persons born before A is one less than the number of persons born after E. C was born two persons after F. D was not born in the same month as C.

#### 176. Which of the following information is true about F?

- a) F was born on a non-prime number date
- b) F was born three persons before E
- c) F is the second oldest person
- d) Not more than two persons are younger than
- e) None of these

#### 177. Who among the following was born in the same month as D?

- a) A
- b) F
- c) E
- d) B
- e) None of these

#### 178. The number of persons born before C is one less than the number of persons born between \_\_\_ and D

- a) B
- b) F
- c) A
- d) E
- e) None of these

#### 179. Who among the following person was born on December 15th?

- a) E
- b) D
- c) F
- d) A

#### e)C

#### 180. Who among the following person was born three persons after F?

- b) The one who was born on November 15
- c) F
- d) D
- e) The one who was born on December 7

#### Directions (181-185): Study the following information carefully and answer the given questions.

Eight persons – L, M, N, O, P, Q, R and S are using three different apps viz. Gpay, Paytm and PhonePe. At least two persons but not more than three persons are using the same app.

N and Q are using the same app but not Paytm. Only R uses the same app as O. P uses either Paytm or PhonePe but doesn't use the same app as Q. S uses neither PhonePe nor the same app as P. L uses neither Gpay nor PhonePe.

#### **181.** Which of the following app does M use?

- a) PhonePe
- b) Gpay
- c) Paytm
- d) Either PhonePe or Paytm
- e) Either Gpay or Paytm

#### 182. Which of the following pair of persons are using Gpay?

- a) M, S
- b) N, Q
- c) R, O
- d) L, M
- e) N, L

#### 183. Who among the following person uses the same app as P?

- a) N
- b) M
- c) L
- d) Both L and M
- e) Cannot be determined









- 184. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
- a) RQ
- b) Q0
- c) NL
- d) PS
- e) LP
- 185. Which of the following statement is TRUE as per the given arrangement?
- a) Only two persons using Gpay
- b) S uses Gpay
- c) Q and S are using different apps
- d) P uses PhonePe
- e) R and O are using Gpay

Directions (186-190): Study the following information carefully and answer the given questions.

Eight persons - P, Q, R, S, T, U, V and W are sitting around a square table in such a way that four of them are sitting at the corners while four of them are sitting in the middle of the sides. All of them are facing away from the centre.

Q sits second to the right of R, who sits third to the left of U. T sits opposite to V, who is not an immediate neighbour of R. S sits at the corner of the table but not opposite to U and Q. P sits immediate left of W.

- 186. Who among the following person sits immediate left of R?
- a) The one who sits second to the right of V
- b) U
- c) The one who sits immediate right of W
- d) S
- e) T
- 187. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
- a) R
- b) P
- c) Q

- d) V
- e)S
- 188. How many persons sit between S and Q, when counted from the left of S?
- a) Two
- b) One
- c) Three
- d) More than three
- e) None
- 189. If all the persons are made to sit in the alphabetical order from P in a clockwise direction then how many persons remain in the same position (excluding P)?
- a) One
- b) None
- c) Two
- d) three
- e) More than three
- 190. If T is related to W and P is related to S in a certain way, then in the same way who among the following person is related to U?
- a) T
- b) R
- c) P
- d) Q
- e) V

Directions (191-195): Study the following information carefully and answer the given questions.

Seven different colours viz., White, Yellow, Orange, Red, Blue, Green and Purple are used by the boutique on seven different days starting from Monday to Sunday of the same week White colour is used one of the days before Thursday but not on Monday.

Only one colour is used between White and Green colour, which is not used on Friday. The red colour is used three days after White colour. As many colours used before red colour as after Orange colour. Yellow colour is used immediately before purple but after Blue colour.











### **191.** Yellow colour is used on which of the following day by the boutique?

- a) Saturday
- b) Thursday
- c) Friday
- d) Wednesday
- e) Cannot be determined

#### 192. Which day and colour correctly matched?

- a) Wednesday White
- b) Saturday Red
- c) Sunday Orange
- d) Thursday Purple
- e) Monday Blue

### **193**. Which of the following colour is used immediately before Red colour?

- a) Orange
- b) Blue
- c) Green
- d) Purple
- e) White

## 194. If the colours used on Saturday and Tuesday are interchanged, then which of the following colour is used on Saturday?

- a) Red
- b) White
- c) Purple
- d) Green
- e) Yellow

### 195. How many days are between blue and purple colours?

- a) Four
- b) Three
- c) None
- d) Five
- e) Two

## Directions (196-200): Study the following information carefully and answer the given questions.

Seven persons - A, B, C, D, E, F and G are living on different floors of the seven-storey building where the lowermost floor is numbered one and the floor immediately above it is numbered two and so on. No two persons live on the same floor.

G lives on one of the floors above the fifth floor. Only two floors are between G and E who lives immediately below A. C lives two floors below A. The number of floors below C is one more than the number of floors above B. F lives immediately above D.

### **196.** Who among the following persons lives on the second floor?

- a) The one who lives immediately below C
- b) D
- c) E
- d) B
- e) The one who lives two floors below G

## 197. If all the persons live in alphabetical order from the topmost floor, then how many persons remain on the same floor?

- a) None
- b) Two
- c) Three
- d) One
- e) Four

### **198.** Who among the following person lives two floors above F?

- a) G
- b) C
- c) E
- d) B
- e) A

#### 199. How many persons live between D and E?

- a) Four
- b) Three
- c) One
- d) Two
- e) None

# 200. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?

- a) G
- b) A
- c) C
- d) D
- e) B











Direction (201-205): Study the following information carefully and answer the given questions.

Ten persons are sitting in two parallel rows containing five persons each in such a way that there is an equal distance between adjacent persons.

**In row 1:** P, Q, R, S and T are seated and all of them are facing north.

**In row 2:** I, J, K, L and M are seated and all of them are facing south. Each person in row 1 faces another person in row 2.

R sits second from one of the extreme ends. Only one person sits between S and R. I sits immediate left of the one who faces S. L sits second to the right of K, who is an immediate neighbour of I. P sits three places away from the one who faces L. J sits to the right of M. T neither sits at the extreme end of the row nor faces M.

201. If all the persons are arranged in alphabetical order from the left end in row 2, then the position of who of the following person remain unchanged?

- a) J
- b) K
- c) L
- d) I
- e) M

#### 202. How many persons sit to the right of Q?

- a) One
- b) As many persons sit to the right of M
- c) Three
- d) As many persons sit between K and J
- e) No one

203. Who among the following person faces the one who sits third from the right end in row 2?

- a) T
- b) S
- c) R
- d) P
- e) Q

- 204. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
- a) L
- b) I
- c) S
- d) J
- e) R

### **205**. What is the position of P with respect to T?

- a) Immediate right
- b) Third to the right
- c) Immediate left
- d) Second to the left
- e) Second to the right

Direction (206-210): Study the following information carefully and answer the given questions.

Eight persons – L, M, N, O, P, Q, R and S are sitting around a circular table facing the centre.

M sits second to the right of S. Only two persons sit between L and S (either from left or right). One person sits between L and N, who is not an immediate neighbour of M. Q sits immediate right of O. R sits two places away from Q. P and N are not immediate neighbours.

### **206.** Who among the following person sits second to the right of L?

- a) Q
- b) The one who sits opposite to 0
- c) P
- d) The one who sits opposite to R
- e) 0

207. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?

- a) QS
- b) OM
- c) PS
- d) NR
- e) LQ











### **208.** What is the position of R with respect to P?

- a) Immediate left
- b) Immediate right
- c) Third to the left
- d) Third to the right
- e) Second to the right
- 209. If O is related to P and N is related to L in a certain way, then in the same way who among the following person is related to Q?
- a) R
- b) 0
- c) M
- d) P
- e) N
- **210.** Who among the following persons are immediate neighbours of S?
- i. N
- ii. P
- iii. Q
- a) Only i
- b) Only ii
- c) Only iii
- d) Both i and ii
- e) Both ii and iii
- Direction (211-215): Study the following information carefully and answer the given questions.

Seven boxes – P, Q, R, S, T, U and V are kept one above another in a single stack.

Only one box is kept between box S and box R. Box U is kept immediately above box S. Only two boxes are kept between box T and box U. Box Q is kept two boxes below box T. Box V is kept above box P, which is not kept adjacent to box Q.

- **211.** If all the boxes are arranged in alphabetical order from the topmost position, then how many boxes remain unchanged in its position?
- a) One
- b) Two
- c) Three
- d) Four

- e) None
- **212**. Which of the following box is kept three boxes below box Q?
- a) T
- b) P
- c) V
- d)R
- e) U
- 213. How many boxes are kept below box S?
- a) None
- b) One
- c) As many boxes kept above box Q
- d) Four
- e) As many boxes kept between boxes V and P
- 214. If the position of the boxes P and R are interchanged and in the same way the position of the boxes S and T are interchanged, then what is the position of box R with respect to box T?
- a) Three boxes below
- b) Immediately above
- c) Two boxes below
- d) Immediately below
- e) Two boxes above
- **215.** Which of the following boxes are kept above box U?
- i. T
- ii. R
- iii. Q
- a) Only i
- b) Only ii
- c) Only iii
- d) Both i and ii
- e) Both i and iii

Direction (216-220): Study the following information carefully and answer the given questions.

Seven people – A, B, C, D, E, F and G are standing in a queue one after another. No other people stand in the queue other than the given people.

Only one person stands between E and A. F stands three people after E. Only three people stand











between F and B. As many people stand between B and A as between E and D. G stands immediately after D. C didn't stand after G.

#### **216.** How many people stand before G?

- a) As many people stand between B and F
- b) One
- c) Two
- d) No one
- e) As many people stand after A

### **217.** Who among the following person stands at first?

- a) D
- b) E
- c) C
- d) G
- e) B

## **218.** In which of the following option first person stand two people after the second person?

- a) BD
- b) EA
- c) FC
- d) GF
- e) DE

#### 219. As many people stand before B as after\_\_\_.

- a) C
- b) G
- c) F
- d) A
- e) D

### 220. Which of the following statement(s) is/are not true as per the given arrangement?

- A. B stands immediately after C
- **B.** Both C and A are standing adjacent to each other
- **C.** Only two people stand after E
- a) Only A and C
- b) Only A
- c) Only B
- d) Only A and B
- e) All A, B and C

## Directions (221-225): Study the following information carefully and answer the given questions.

Certain number of persons are sitting in a linear row and facing the north direction.

Only three persons sit between A and D. C sits third to the right of D. Only two persons sit between C and B. E is an immediate neighbour of A and sits at one of the extreme ends of the row. As many persons sit to the right of B as to the left of E.

### **221.** Who among the following person sits fourth to the left of D?

- a)B
- b) Unknown person
- c) A
- d) E
- e) None of these

#### 222. How many persons sit to the right of C?

- a) As many persons sit between E and D
- b) Three
- c) Five
- d) Two
- e) As many persons sit to the left of A

#### 223. How many persons are sitting in the row?

- a) 13
- b) 17
- c) 11
- d) 18
- e) 12

### **224**. What is the position of E with respect to D?

- a) Fifth to the left
- b) Second to the right
- c) Six to the left
- d) Fourth to the right
- e) None of these

## **225.** If Y sits second to the right of C, then who among the following person is an immediate neighbour of Y?

- a) A
- b) E











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- c) D
- d) B
- e) No one

Directions (226-230): Study the following information carefully and answer the given questions.

Eight persons - A, B, C, D, E, F, G and H joined the company in eight different months- January, February, March, April, May, June, July and August of the same year.

G joined the company in the month having less than 31 days but not in April. Only three persons joined between G and B, who joined immediately before F. As many persons joined before B as after H. Only one person joined between H and C, who doesn't join in the adjacent month of B. A joined immediately before C. D joined before E.

#### 226. Who among the following person joined immediately after C?

- a) A
- b) D
- c) G
- d) F
- e) E

#### **227.** F joined in which of the following month?

- a) March
- b) May
- c) August
- d) June
- e) July

#### 228. How many persons joined the company between B and H?

- a) None
- b) Four
- c) Three
- d) Two
- e) One
- 229. If all the persons joined the company in alphabetical order from January, then how many persons remain unchanged in their position?
- a) None

- b) Two
- c) Three
- d) Four
- e) One

#### 230. Who among the following person does not join before H?

- a)B
- b) C
- c) F
- d) E
- e) A

#### Directions (231-235): Study the following information carefully and answer the given questions.

Seven persons - M, N, O, P, Q, R and S are working in a company at different designations such as -CEO, MD, Manager, Assistant Manager, Assistant, Clerk, Peon. The designations are given in decreasing order such as CEO is the senior most designation and peon is the junior most designation.

M is two persons senior to R, who is not junior to Assistant Manager. Only one person is designated between R and S. P is immediately junior to S. As many persons senior to N as junior to P. O is junior to Q but senior to S.

#### 231. What is the designation of P?

- a) CEO
- b) MD
- c) Manager
- d) Peon
- e) Clerk

#### 232. As many persons senior to S as junior to

- a) M
- b)R
- c) P
- d) N
- e) None of these

#### 233. Who among the following person is two persons junior to Q?

a) R











- b) The one who is designated as Clerk
- c) M
- d) N
- e) The one who is designated as Assistant

#### 234. What is the designation of the one who is immediately senior to 0?

- a) Clerk
- b) Manager
- c) MD
- d) CEO
- e) Assistant Manager

#### 235. How many persons are designated between N and S?

- a) Three
- b) Four
- c) One
- d) Two
- e) Five

#### Directions (236-240): Study the following information carefully and answer the given questions.

Eight persons – E, F, G, H, I, J, K, and L live on four different floors of a four storey building where the lowermost floor is numbered one and the floor immediately above it is numbered two and so on.

Note-I: Each floor has two flats viz., Flat-A and Flat-B, where Flat A is to the west of flat B.

**Note-II:** Flat B of floor 2 is immediately above Flat B of floor 1 and so on. Similarly, Flat A of floor 3 is immediately below Flat A of floor 4 and so on.

**Note-III:** Area of each flat on each floor is same.

Note-IV: Only two persons live on each floor and only one person lives in each flat.

K lives on the topmost floor. L lives two floors below K, but both are living in different type of flats. I lives immediately above L's flat. As many floors above I as below H. G lives two floors above H. E doesn't live in the same type of flat as H. J lives above F, who lives to the east of E.

#### 236. J lives on which of the following floor and Flat?

a) Floor 1, Flat B

- b) Floor 3, Flat A
- c) Floor 1, Flat A
- d) Floor 2, Flat B
- e) Floor 3, Flat B

#### 237. What is the direction of I's flat with respect to E's flat?

- a) North-west
- b) South-west
- c) North-east
- d) North
- e) South

#### 238. Which of the following pair of persons are living on the same floor?

- a) GL
- b) JH
- c) HK
- d) II
- e) IE

#### **239.** Which of the following statements is/are true regarding I as per the arrangement?

I. I lives immediately above H

II. I lives on an odd numbered floor

**III.** I and H are living in the same type of flat

- a) Only I and II
- b) Only I and III
- c) Only III
- d) Only II
- e) Only I

#### 240. Who among the following person lives immediately above F?

- a) E
- b) The one who lives to the east of L.
- c) J
- d) K
- e) The one who lives west of K

#### Directions (241-245): Study the following information carefully and answer questions given below.

Six trees Aspen, Cedar, Maple, Neem, Pine, and Rowan were planted on a triangular field such that all the trees were facing towards the center, but not necessarily in the same order.











One tree was planted at each corner whereas one tree was planted in the middle of the sides. Three trees were planted between Neem and Cedar, which was planted in the middle of the sides. Maple was planted to the immediate right of Neem. The number of trees planted between Maple and Cedar is the same as the number of trees planted between Neem and Aspen when counted to the right of both Maple and Aspen. Rowan was planted adjacent to neither Aspen nor Neem.

### **241.** Which of the following tree was planted second to the left of Aspen?

- a) Maple
- b) The tree which was planted second to the right Maple
- c) Cedar
- d) The tree which was planted immediate left of Neem
- e) None of these

## 242. How many trees were planted between Neem and Pine, when counted to the left of Neem?

- a) One
- b) Two
- c) Three
- d) Four
- e) None

## **243.** If Cedar is related to Aspen and Rowan is related to Neem in a certain way, then which of the following tree is related to Pine?

- a) Rowan
- b) Cedar
- c) Maple
- d) Aspen
- e) None of these

### **244.** Which of the following statement is/are true with respect to the final arrangement?

- **I.** Only one plant was planted between Aspen and Pine.
- **II.** Cedar was planted second to the left of Pine.
- **III.** Neither Rowan nor Aspen was planted adjacent to Pine.
- a) Only II

- b) Only III
- c) Both I and II
- d) Both I and III
- e) None of these

### **245.** What is the position of Maple with respect to Rowan?

- a) Immediate left
- b) Second to the right
- c) Third to the left
- d) Second to the left
- e) Immediate right

## Direction (246-250): Study the following information carefully and answer the given questions.

Eight persons - I, J, K, L, M, N, O and P are attending the party on two different dates either 12th or 25th of four different months viz., March, April, May and June of the same year.

J attends the party in the month having an even number of days. M attends two persons after J. As many persons attend before M as after P. Only one person attends between P and N, who doesn't attend at first. O attends the party before K but both of them attend in the adjacent months. L attends the party after I and does not attend the party on an odd numbered date.

### **246**. Who among the following person attends the party on May 12?

- a) I
- b) K
- c) M
- d) N
- e) L

### **247.** How many persons attend the party after 0?

- a) None
- b) Two
- c) Three
- d) Four
- e) One

### **248.** Who among the following person attends the party immediately before J?









- a) 0
- b) L
- c) I
- d) K
- e) N
- 249. Which of the following pair of persons attend the party in the same month?
- a) LK
- b) JN
- c) IO
- d) MK
- e) PL
- 250. P attend the party on \_\_\_
- a) 25th May
- b) 12th April
- c) 12th June
- d) 25th April
- e) 25th March

#### Direction (251-255): Study the following information carefully and answer the given questions.

Seven satellites viz., Bhaskara-II, Aryabhata, IRS-IA, GSAT, EDUSAT, Chandrayaan-I and Astrosat were launched in different years such as 1975, 1981, 1988, 2001, 2004, 2008 and 2015.

IRS-IA was launched in a leap year. Only three satellites were launched between IRS-IA and Astrosat, which was launched immediately after Chandrayaan-I. EDUSAT was launched in an even numbered year after Aryabhata. Bhaskara-II was launched before GSAT but after Aryabhata, which was not launched in an even numbered year.

#### 251. Which of the following satellite was launched immediately before the launch of **IRS-IA?**

- a) Chandrayaan-I
- b) Bhaskara-II
- c) GSAT
- d) EDUSAT
- e) Astrosat
- 252. Four of the following five are alike in a certain way based on the given arrangement

#### and thus form a group. Which one of the following does not belong to the group?

- a) GSAT
- b) Astrosat
- c) Bhaskara-II
- d) EDUSAT
- e) Aryabhata

#### 253. GSAT was launched in which of the following year?

- a) 2008
- b) 1975
- c) 2004
- d) 1981
- e) 2001

#### 254. How many satellites were launched between the launch of Astrosat Aryabhata?

- a) Five
- b) None
- c) Two
- d) Three
- e) One

#### **255.** Which of the following statements is/are TRUE as per the given arrangement?

- I. Astrosat was launched in 2008.
- II. EDUSAT was launched immediately before Chandrayaan-I.

III. GSAT was launched after Astrosat.

- a) Only I and II
- b) Only I
- c) Only II
- d) Only III
- e) Only I and III

#### Direction (256-260): Study the following information carefully and answer the given questions.

Seven persons - L, M, N, O, P, Q and R booked the train tickets on seven different days of the same week starting from Sunday. No two persons booked the train ticket on the same day.

R booked the train ticket after Wednesday. Only three persons booked between M and R. M booked two persons before Q. L booked











immediately before P. As many persons booked the train ticket before P as after O.

#### 256. Who among the following person booked the train ticket at last?

- a) L
- b) The one who booked immediately before N
- c) 0
- d) P
- e) The one who booked immediately after 0

#### 257. P booked on which of the following day?

- a) Sunday
- b) Monday
- c) Friday
- d) Tuesday
- e) Saturday
- 258. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
- a) PN
- b) MQ
- c) OL
- d) NO
- e) QR
- 259. As many persons booked the train ticket before Q as after \_\_\_.
- a) M
- b) 0
- c) P
- d) R
- e) N
- 260. Three persons booked the train ticket between \_\_\_ and \_\_\_.
- a) N, L
- b) 0, P.
- c) P, M
- d) R, Q
- e) N, R

Directions (261-265): Study the following information carefully and answer the given questions.

Seven persons - P, Q, R, S, T, U and V are living on different floors of a seven storey building where the lowermost floor is numbered one and the floor immediately above it is numbered two and so on. No two persons live on the same floor.

U lives on an even numbered floor but above third floor. T lives three floors below U. Q lives immediately above T. The number of floors below Q is one more than the number of floors above V. Only two floors between R and P, who does not live below S.

#### **261.** Who among the following person lives exactly on the middle floor of the building?

- a) The one who lives immediately above Q
- b) Q
- c) P
- d) The one who lives three floors below V

#### 262. How many persons live below P?

- a) Three
- b) Four
- c) Two
- d) One
- e) More than Four
- 263. If T is related to R, Q is related to U in a certain way, then in the same way R is related to who among the following person?
- a) U
- b) S
- c) Q
- d) P
- e) V
- 264. If all the persons are living in alphabetical order from bottom to top, then how many persons remain unchanged in their position?
- a) None
- b) Two
- c) Three
- d) More than Four
- e) Four
- **265.** T lives on which of the following floor?
- a) First











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- b) Second
- c) Third
- d) Fourth
- e) Fifth

Directions (266-270): Study the following information carefully and answer the given questions.

Eight persons - H, I, J, K, L, M, N and O are sitting around a square table in such a way that four of them are sitting at the corners and facing the centre while four of them are sitting in the middle of the sides and facing away from the centre.

I sits third to the right of H. Two persons sit between I and J. O sits opposite to L but is not an immediate neighbour of H. K sits third to the left of L. One person sits between K and N. M does not sit at the corner of the table.

### **266.** Who among the following person sits third to the right of M?

- a) The one who sits opposite to I
- b) 0
- c) K
- d) The one who sits opposite to N
- e) L
- 267. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
- a) J
- b) M
- c) K
- d) H
- e) N
- 268. If all the persons are made to sit in alphabetical order in an anti-clockwise direction with respect to H, then how many persons remain unchanged in their position (including H)?
- a) One
- b) Two
- c) None
- d) Three
- e) Four

### **269.** How many persons are sitting between L and J, when counted from the left of L?

- a) Two
- b) None
- c) One
- d) Three
- e) Four

## 270. If M and I are interchanged their position, then who among the following person sits second to the left of M?

- a) L
- b) H
- c) K
- d) 0
- e) N

## Directions (271-275): Study the following information carefully and answer the given questions.

Seven persons - B, D, F, H, J, L and N are sitting in a linear row and facing the south direction.

B sits third to the right of H, where none of them sits at the extreme end of the row. Only one person sits between B and D. J sits third to the left of D. F is an immediate neighbour of J. L sits to the left of N but does not sit at the extreme end of the row.

### **271**. As many persons sit to the right of L as to the left of \_.

- a) The one who sits immediate left of H
- b) J
- c) B
- d) N
- e) The one who sits immediate left of D

### **272.** Who among the following person sits between B and F?

I. L

II. D

III. N

- a) Only I
- b) Only I and II
- c) Only II and III
- d) Only III
- e) All I, II and III











#### 273. Who among the following pair of persons are immediate neighbors?

- a) BD
- b) DF
- c) DN
- d) LD
- e) JH
- 274. If all the persons are made to sit in alphabetical order from the left end, then who following among the person remain unchanged in their position?
- a) F
- b) D
- c) N
- d) J
- e) H
- 275. What is the position of L with respect to F?
- a) Third to the right
- b) Second to the right
- c) Second to the left
- d) Third to the left
- e) Fifth to the right

#### Directions (276-280): Study the following information carefully and answer the given question.

Eight persons - P, Q, R, S, T, U, V and W bought three different branded laptops viz., Lenovo, HP and Apple. At least one person but not more than three persons bought the same laptop.

Q bought either HP or Apple. U bought the same laptop as T but both of them bought neither Lenovo nor HP. Only P bought the same laptop as S but did not buy HP. W bought HP. R and V bought different laptops but V did not buy the same laptop as W.

#### 276. Which of the following combination is true?

- a) V-Apple
- b) Q-Lenovo
- c) R-Apple
- d) Q-Apple
- e) P-HP

#### **277.** Q bought which of the following laptop?

- a) The same laptop as U bought
- b) The same laptop as R bought
- c) Lenovo
- d) Apple
- e) None of the above

#### 278. Who among the following person bought the Apple laptop?

- a) R
- b) Q
- c) S
- d) P
- e) T

#### 279. If P and R interchanged their laptops, then R and U interchanged their laptops, then U bought which of the following laptop?

- a) The same laptop as T bought
- b) The same laptop as W bought
- c) Apple
- d) The same laptop as S bought
- e) None of these

#### 280. Which of the following statement(s) is/are TRUE as per the given arrangement?

- I. T bought Apple
- II. Q bought HP
- III. T bought the same laptop as R
- a) Only I
- b) Only I and III
- c) Only I and II
- d) Only III
- e) Only II

#### Directions (281-285): Study the following information carefully and answer the given questions.

Eight boxes viz., L, M, N, O, P, Q, R and S are kept one above another in a stack.

S is kept three boxes above P. At least three boxes are kept above S. N is kept two boxes above P. Only one box is kept between N and O. L is kept adjacent to 0. Only four boxes are kept between Q and R, which is kept below Q. M is kept above R.











#### 281. How many boxes are kept above box S?

- a) As many boxes kept between M and L
- b) Two
- c) Three
- d) As many boxes kept below 0
- e) None

## 282. If all the boxes are kept in alphabetical order from bottom to top, then how many boxes remain in the same position?

- a) One
- b) Two
- c) Three
- d) Four
- e) None

### 283. As many boxes kept above box Q as below

- a) P
- b) R
- c) N
- d) S
- e) M

### **284.** Which of the following box is kept at the fourth position from the top?

- a) M
- b) N
- c) 0
- d) L
- e) Q
- 285. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
- a) L-S
- b) N-P
- c) S-R
- d) M-L
- e) R-L

Directions (286-290): Study the following information carefully and answer the given questions.

Eight persons - A, B, C, D, E, F, G and H are of different ages viz., 16, 18, 31, 38, 41, 45 55, and 61. No two persons have the same age.

B's age is less than 30 years. E is 10 years younger than F, where none of their age is a prime number. D is 6 years elder than F. The number of younger than A is two more than the number of persons elder than D. The difference between the ages of A and H is 7 years. G is younger than C but is not the youngest person.

#### **286.** What is the sum of the ages of C and E?

- a) 116
- b) 49
- c) 86
- d) 100
- e) 69
- 287. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
- a) A
- b) C
- c) E
- d) F
- e) G

### **288.** Which of the following combination is true?

- a) 61-D
- b) 18-A
- c) 31-H
- d) 38-C
- e) 41-E

### **289.** As many persons elder than B as younger than \_\_\_\_?

- a) G
- b) D
- c) E
- d) F
- e) A

#### 290. How many persons are younger than H?

- a) Five
- b) Four
- c) Two











- d) Three
- e) One

Directions (291-295): Study the following information carefully and answer the given questions.

Eight persons - S, T, U, V, W, X, Y and Z are sitting around a circular table facing the centre. T sits third to the right of S. Only one person sits between T and U (either from left or right). Y is an immediate neighbour of U. X sits second to the right of Y. Z sits three places away from X. W sits adjacent to neither V nor X.

### **291.** What is the position of S with respect to Z?

- a) Third to the left
- b) Second to the right
- c) Immediate left
- d) Immediate right
- e) Second to the left
- 292. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
- a) SZ
- b) WT
- c) YU
- d) UX
- e) VZ

### **293.** Which of the following statement is TRUE as per the given arrangement?

- a) V sits third to the right of Y
- b) U and W are immediate neighbours
- c) S and X sit opposite to each other.
- d) Z sits second to the right of T
- e) None of the statement is true

### **294.** Who among the following person sits opposite to T?

- a) X
- b) The one who sits immediate left of S
- c) Z
- d) The one who sits second to the right of W
- e) U

### 295. How many persons sit between S and U, when counted from the right of U?

- a) Five
- b) Four
- c) Three
- d) Two
- e) One

## Directions (296-300): Study the following information carefully and answer the given questions.

Ten persons are sitting in the two parallel rows containing five persons each in such a way that there is an equal distance between adjacent persons.

**In row 1-** A, B, C, D, and E are seated and all of them are facing south.

**In row 2-** L, M, N, O and P are seated and all of them are facing north. Each person in row 1 faces another person in row 2.

P sits third to the left of N. As many persons sit to the left of P as to the right of O, who faces D. Only one person sits between D and E. L is an immediate neighbour of the one who faces E. M sits to the left of L. C sits second to the left of A, who does not face M.

### **296.** Who among the following person sits third to the left of E?

- a) The one who faces N
- b) B
- c) A
- d) D
- e) The one who faces P

## 297. If B is related to P and E is related to L in a certain way, then in the same way who among the following person is related to O?

- a) B
- b) D
- c) E
- d) A
- e) C
- 298. What is the position of C from the left end?









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- a) Fifth
- b) Fourth
- c) First
- d) Second
- e) Third
- **299.** Who among the following pair of persons is not sitting adjacent to each other?

I. BA

II. ED

III. MP

IV. LO

- a) Only I and IV
- b) Only III and IV
- c) Only I and III
- d) Only II and IV
- e) Only I and II
- 300. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
- a) E
- b) N
- c) P
- d) D
- e) L
- Directions (301-305): Study the following information carefully and answer the given questions.

Eight persons – J, K, L, M, N, O, P and Q remitted their money one after another. No other persons remitted their money other than the given persons.

Only two persons remitted the money between N and J. J remitted immediately after Q. The number of persons remitted the money between Q and N is one less than the number of persons remitted the money between Q and K. P remitted immediately after K. As many persons remitted the money before P as after M. L remitted the money immediately after O.

301. Which of the following statement(s) is/are TRUE as per the given arrangement?

I) M remitted the money immediately after L

- **II)** Only three persons remitted the money between Q and K
- III) M remitted the money two persons before J
- a) Only I and II
- b) Only III
- c) Only II and III
- d) All are true
- e) None is true
- **302.** If K is related to L and O is related to Q in a certain way, then in the same way who among the following person is related to N?
- a) M
- b) [
- c) L
- d) K
- e) P
- **303**. How many persons remitted the money between M and N?
- a) As many persons remitted the money before J
- b) One
- c) Three
- d) As many persons remitted the money after 0
- e) None
- 304. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
- a) J, P
- b) K, O
- c) L, Q
- d) 0, M
- e) N, J
- **305**. Who among the following person doesn't remit the money before N?
- a) Q
- b) M
- c) K
- d) L
- e) 0

Directions (306-310): Study the following information carefully and answer the given questions.











Ten persons – A, B, C, D, E, G, H, J, K and M live on five different floors of a five-storey building where the lowermost floor is numbered one and the floor immediately above it is numbered two and so on.

**Note-I:** Each floor has two flats viz., Flat-P and Flat-Q, where Flat P is to the west of Flat Q.

**Note-II:** Flat Q of floor 2 is immediately above Flat Q of floor 1 and immediately below Flat Q of floor 3 and so on. Similarly, Flat P of floor 2 is immediately above Flat P of floor 1 and immediately below Flat P of floor 3 and so on.

**Note-III:** Area of each flat on each floor is same. **Note-IV:** Only two persons live on each floor and only one person lives in each flat.

J lives three floors below E, who lives to the west of B. No one lives to the east of J. As many floors above B as below A but both live in different type of flats. Only two floors are between A and M. C lives two floors below M's flat. No one lives to the west of C. D lives three floors below K. G and D do not live in the same type of flat. H doesn't live above G.

### **306.** Who among the following person lives immediately above J's flat?

- a) D
- b) The one who lives east of G
- c) M
- d) The one who lives west of B
- e) A

# 307. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?

- a) A
- b) E
- c) B
- d) D
- e) K

## 308. Which of the following statement(s) is/are NOT TRUE as per the given arrangement?

- a) Only two floors are between B and J
- b) H lives immediately below K's flat

- c) No one lives to the east of G
- d) M lives in flat P of floor-4
- e) All are true

### **309**. G lives in which of the following flat and floor?

- a) Flat-P of floor-2
- b) Flat-Q of floor-3
- c) Flat-Q of floor-4
- d) Flat-P of floor-3
- e) Flat-P of floor-1

#### 310. How many floors are between B and D?

- a) Three
- b) None
- c) One
- d) Two
- e) Either One or Two

## Directions (311-315): Study the following information carefully and answer the given questions.

A certain number of persons are sitting in a linear row facing north direction. Prime number of persons but less than 19 persons sit on the row. J sits fourth to the left of K. Only two persons sit between J and S. R sits fourth to the right of S, who does not sit adjacent to F. Only four persons sit between R and F, who sits immediate left of C. T sits third to the right of C and sits third from the extreme end of the row. As many persons sit to the right of T as to the left of Z.

### **311.** Which of the following statement(s) is/are TRUE as per the given arrangement?

- I) Only four persons sit between Z and J
- **II)** K sits immediate right of S
- III) F sits exactly between K and C
- a) Only I and III
- b) Only III
- c) Only I and II
- d) None is true
- e) Only II is true

#### 312. How many persons are sitting in the row?

- a) 11
- b) 13
- c) 17











- d) less than 10 persons
- e) None of these

#### 313. Who among the following person sits seventh to the left of C?

- a) The one who sits second to the right of S
- b) K
- c) T
- d) Z
- e) The one who sits fourth to the left of K

#### **314.** As many persons sit between T and F as between S and \_\_\_\_

- a) C
- b) R
- c) K
- d) T
- e) J

#### 315. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?

- a) SI
- b) ZR
- c) KC
- d) JZ
- e) CT

#### Directions (316-320): Study the following information carefully and answer the given questions.

Eight persons - K, L, M, N, O, P, Q and R are working in the Indian coast guard at different designations such as Director General, Additional Director General, Inspector General, Deputy General. Inspector Commandant. Assistant Commandant, Commandant and Midshipman. The designations are given in descending order such as the Director General is the senior most designation and Midshipman is the junior most designation.

Only two persons are designated between P and L, who is senior to the Deputy Inspector General. N is junior to P. Only three persons are designated between N and K, who is not designated as Inspector General. As many persons senior to K as

junior to O. Q is senior to R but junior to M. R is not designated as Assistant Commandant.

#### 316. Who among the following person is designated as Assistant Commandant?

- a) K
- b) N
- c) M
- d) 0
- e) P

#### **317.** Which of the following statement(s) is/are NOT TRUE as per the given arrangement?

- a) No one is designated between M and P
- b) Only three persons are junior to Q
- c) K is immediately senior to O
- d) R is the junior most designated person
- e) All are true

#### 318. How many persons are designated between K and O?

- a) One
- b) Two
- c) Three
- d) None
- e) More than three

#### 319. What is the designation of P?

- a) Inspector General
- b) Deputy Inspector General
- c) Commandant
- d) Additional Director General
- e) Midshipman

#### 320. In which of the following pair of persons, the first person is not two person's senior to the second person?

- a) Q, R
- b) K, P
- c) P, N
- d) L, M
- e) Both options a and d

Directions (321-325): Study the following information carefully and answer questions given below.











Ten boxes viz. P, Q, R, S, T, U, V, W, X and Y are kept in two stacks viz. Stack 1 and Stack 2. Stack 1 is to the west of Stack 2. The lowermost box is numbered 1 and the box immediately above it is numbered 2 and so on.

Box P is kept three boxes above Box T but in different stacks. Box W is kept to the west of Box T. Box S is kept two boxes above Box W in the same stack. Box Y is kept in stack 1 and three boxes below Box R in different stacks. Box Q is kept below Box X. Box V is kept in stack 1 and immediately above Box U but not in the same stack.

#### **321.** Which of the following box is kept immediately above Box T in the same stack?

- a) Box P
- b) The box which is kept immediately below box
- c) Q
- d) The box which is kept west of box R
- e) None of these

#### 322. How many boxes are there between the Boxes V and Y in the same stack?

- a) 1
- b) 2
- c) 3
- d) More than three
- e) None

#### 323. What is the position of Box X with respect to Box W?

- a) North
- b) South-east
- c) North-west
- d) South-west
- e) North-east

#### **324.** Which of the following box is kept three boxes below box V in different stacks?

- a) Box O
- b) Box Y
- c) Box T
- d) Box W
- e) None of these

#### 325. What is the position of Box U with respect to Box S?

- a) Immediately above in the same stack
- b) Two boxes below in different stacks
- c) Three boxes above in the same stack
- d) Immediately above in different stacks
- e) Three boxes above in different stacks

#### Directions (326-330): Study the following information carefully and answer the given below.

Eight persons D, F, H, K, M, Q, S and V are sitting on a rectangular table facing towards the centre, such that four persons sit in the corners of the table while the other four sit in the middle of the sides of the table.

Q sits second to the right of H. Only three persons sit between Q and D. M sits immediate right of D. Two persons sit between M and K. As many persons sit between H and M as between D and V. S sits second to the right of F, who doesn't sit in the middle of the table.

#### 326. How many persons sit between V and S when counted from the right of S?

- a) One
- b) Two
- c) Three
- d) More than three
- e) No one

#### 327. Who among the following person sits opposite to D?

- a) The one who sits immediate left of H
- b) K
- c) Q
- d) The one who sits immediate right of K
- e) None of these
- 328. If all the persons are made to sit according to the alphabetical order from D in an anticlockwise direction, then the position of how many persons will remain unchanged (excluding D)?
- a) One
- b) Two
- c) Three











- d) More than three
- e) No one

#### **329.** Which of the following statement(s) is/are true?

- I. D is an immediate neighbour of H.
- II. H sits two places away from S.
- **III.** V sits in the corner.
- a) Only I
- b) Only II
- c) Only III
- d) Both I and II
- e) Both II and III
- 330. Four of the following five are alike in a certain way and hence form a group. Find the one that doesn't belong to that group.
- a) K
- b) H
- c) D
- d) S
- e) Q

#### Directions (331-335): Study the following information carefully and answer questions given below.

Eight persons M, N, O, P, Q, R, S, and T are attending the interview in different months viz. January, February, March, April, May, July, September, and November of the same year, but not necessarily in the same order.

Only two persons attend between Q and N, where neither of them attends in the month having less than 31 days. Only one person attends between N and P, who neither attends immediately after nor immediately before Q. Only four persons attend between T and M, who attends in the month having less than 30 days. At least two persons attend between S and T. R attends after O, where both of them attend in the month having the same number of days.

#### 331. Who among the following person attends the interview on March?

- a) P
- b) Q
- c) R

- d) The one who attends immediately before S
- e) Both b & d

#### 332. N attends the interview in which of the following month?

- a) July
- b) May
- c) January
- d) April
- e) None of these

#### 333. How many persons attend the interview before R?

- a) One
- b) Three
- c) As same as the persons attending after S
- d) Four
- e) Both c & d

#### 334. Who among the following person attends the interview immediately after 0?

- a) The one who attends in February
- b) S
- c) The one who attends in July
- d) T
- e) None of these

#### **335.** How many persons attend the interview between T and the one who attends immediately before M?

- a) Three
- b) One
- c) Two
- d) Four
- e) More than four

#### Directions (336-340): Study the following information carefully and answer the below questions.

Eight children- S, T, U, V, W, X, Y, and Z are sitting around a circular table facing the centre but not necessarily in the same order.

U sits third to the left of W. V faces the one who sits two places away from W. One child is sits between V and S. The number of children sitting between W and S is the same as the number of children sitting between X and T. Neither W nor Y











is an immediate neighbour of X. Z doesn't sit two places away from S.

### **336.** Who among the following child sits fourth to the right of T?

- a) V
- b) The one who sits second to the left of Z
- c) The one who faces S
- d) X
- e) None of these

## **337**. Who among the following sits exactly between V and S when counted from the left of V?

- a) The one who faces W
- b) Y
- c) The one who faces X
- d) Z
- e) None of these

### **338.** Which of the following statement is/are false?

- I. Four children sit between V and Y
- **II.** W sits third to the left of X
- III. More than one child sit between S and Z
- a) Only I
- b) Both I and II
- c) Both I and III
- d) All I, II, and III
- e) None of these
- 339. Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Who among the following one that does not belong to that group?
- a) WT
- b) XV
- c) YU
- d) SV
- e) TY
- **340.** How many children sit between Y and S when counted from the right of Y?
- a) One
- b) Three
- c) Four
- d) Two

#### e) More than four

## Direction (341-345): Study the following information carefully and answer the given questions.

Eight persons – G, H, I, J, K, L, M and N are sitting in a linear row and facing the north.

Only three persons sit between M and H. K sits second to the right of H. G sits immediate right of K. Only two persons sit between G and L. As many persons sit between M and L as between N and J. I sits to the right of J, where less than four persons sit between them.

#### 341. How many persons sit to the left of G?

- a) None
- b) Two
- c) Three
- d) Four
- e) One

#### 342. Two persons sit between \_\_\_ and \_\_\_.

- a) N, G
- b) M, J
- c) I, L
- d) M, N
- e) K, H

### **343.** Who among the following sits at the extreme end of the row?

- a) The one who sits immediate left of J
- b) G
- c) The one who sits immediate right of I
- d) K
- e) I

### **344.** Who among the following person sits fourth to the right of K?

- a) L
- b) H
- c) J
- d) N
- e) M

### **345.** What is the position of H with respect to I?

a) Immediate right











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- b) Second to the left
- c) Second to the right
- d) Third to the left
- e) Immediate left

Direction (346-350): Study the following information carefully and answer the given questions.

Six persons – A, B, C, D, E and F joined the army in different years viz., 1988, 1991, 1993, 1995, 2000 and 2005. No two persons joined the army in the same year.

D joined the army in a leap year. No one joined the army between D and F. As many persons joined the army after F as before C. B joined the army five years after C. Only two years difference between the years in which B and A joined the army. E joined the army after A.

### **346.** Who among the following person joined the army in 2000?

- a) The one who joined immediately after F
- b) A
- c) The one who joined immediately before F
- d) E
- e)B

### **347**. How many persons joined the army before C?

- a) Two
- b) One
- c) Three
- d) Four
- e) No one

### **348.** Who among the following person joined the army immediately after E?

- a)D
- b) C
- c) F
- d) B
- e) None of the above

### **349.** Which of the following pair of combination is true?

- a) 1988-A
- b) 1995-F

- c) 2005-B
- d) 1991-A
- e) 2000-F

#### **350.** Only two persons joined the army after

- a) F
- b) E
- c) B
- d) D
- e) A

## Direction (351-355): Study the following information carefully and answer the given questions.

Eight persons – M, N, O, P, Q, R, S and T planted trees on two different dates either 12th or 15th of four different months viz., March, April, May and June of the same year.

N planted trees on an odd numbered date of the month having an even number of days. Only two persons planted between N and T, who planted in the month having an odd number of days. As many persons planted trees before T as after P. Both P and Q planted trees in the same month. O planted after Q. Only three persons planted between M and O, who planted after R.

### **351.** Who among the following person planted trees on May 15?

- a) The one who planted trees immediately after N
- b) M
- c) P
- d) The one who planted trees immediately before
- e) R

#### 352. No one planted trees between R and \_\_\_.

- a) Q
- b) S
- c) M
- d) N
- e)P

### **353.** Q planted the trees on which of the following month and date?

a) March 15th











- b) April 12th
- c) June 12th
- d) April 15th
- e) May 15th
- 354. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
- a)R
- b) M
- c) Q
- d) S
- e)T
- **355.** Which of the following statement(s) is/are true as per the given arrangement?
- **I.** P planted trees after 0.
- II. No one planted trees before N.
- **III.** Two persons planted trees between M and T.
- a) Only I
- b) Only I and III
- c) Only III
- d) Only II and III
- e) Only II
- Direction (356-360): Study the following information carefully and answer the given questions.

Eight persons – I, J, K, L, M, N, O and P are living on different floors of an eight storey building where the lowermost floor is numbered one and the floor immediately above it is numbered two and so on. No two persons live on the same floor.

P lives two floors above L, who lives above fourth floor. I lives three floors below L. K lives immediately above 0. The number of persons living below 0 is same as the number of persons living between O and J. J lives on one of the floors above M.

#### 356. Who among the following person lives on the 5th floor?

- a) The one who lives two floors above M
- b) N
- c) K
- d) The one who lives immediately below J

- e)P
- 357. If all the persons live in alphabetical order from the topmost floor, then who following person remains among the unchanged in their position?
- a) I
- b) P
- c) M
- d) K
- e)L
- 358. If P is related to N and O is related to K in a certain way, then in the same way who among the following person is related to I?
- a) N
- b) M
- c) I
- d) L
- e) 0
- 359. K lives on \_\_\_ floor.
- a) 8th
- b) 1st
- c) 3rd
- d) 4th
- e) 7th
- **360.** How many floors are between J and L?
- a) None
- b) Two
- c) Four
- d) Five
- e) Three

Directions (361-365): Study the following information carefully and answer the given questions.

Eight persons - A, B, C, D, E, F, G and H are working in three different departments Mechanical, Aeronautical and Civil. At least two persons but not more than three persons are working in the same department.

D works with G but not works in the Mechanical department. B works only with E but not in the civil department. C and F are working in the same







department. A neither works with C nor works in the Civil department.

### **361.** Who among the following person works in the Aeronautical department?

- a) The one who works with F
- b) B
- c) C
- d) The one who works with D
- e) E

### 362. H works in which of the following department?

- a) Mechanical
- b) Civil
- c) Aeronautical
- d) The department in which D works
- e) None of the above

### **363.** Which of the following statement is TRUE as per the given arrangement?

- a) D works in civil department
- b) C works with D
- c) A and G are working in different departments
- d) Only two persons are working in civil department
- e) F works in civil department

### 364. Who among the following person works in the Civil department?

- a) G
- b) D
- c) H
- d) Either G or D
- e) None of these

### 365. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?

- a) BE
- b) DC
- c) CF
- d) AG
- e) CH

### Directions (366-370): Study the following information carefully and answer the given auestions.

Ten persons - A, B, C, D, E, F, G, H, I, and J are sitting around a pentagon-shaped table in such a way that five persons sit at the corners while five persons sit in the middle of the sides of the table. All of them are facing the centre of the table.

A is an immediate neighbour of I, who sits at the corner of the table. C sits third to the right of A. Two persons sit between C and G. B sits to the immediate right of G.F sits second to the right of H. As many persons sit between A and H as between B and E. I and E are immediate neighbours.

### 366. Which among the following pair of persons sit adjacent to each other?

- a) GI
- b) EI
- c) HC
- d) DB
- e) GF

## **367.** What is the position of D with respect to

- a) Immediate left
- b) Second to the left
- c) Fourth to the right
- d) Immediate right
- e) Second to the right

### 368. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?

- a) D
- b) C
- c) J
- d) G
- e) E

### 369. Which of the following statement is TRUE as per the given arrangement?

- a) A is an immediate neighbour of H
- b) F sits to the immediate right of D











- c) B and E are sitting in the middle of the side of the table
- d) F and C are not immediate neighbours
- e) D sits at the corner of the table

# **370.** Who among the following person sits second to the left of I?

- a) The one who sits third to the right of C
- b) C
- c) D
- d) The one who sits third to the left of B
- e) J

# Directions (371-375): Study the following information carefully and answer the given questions.

Eight persons - P, Q, R, S, T, U, V and W bought the car in four different months viz. January, February, March and April of two different years 2021 and 2022. No two persons bought the car in the same month of the same year.

R bought the car in an even numbered year but not in the month having an even number of days. W and R bought the car in the same month. P bought the car two persons after W. As many persons bought the car before P as after V. S bought the car immediately before U. T bought the car after Q but not in the odd numbered year.

# **371.** How many persons bought the car before P?

- a) Two
- b) Three
- c) Four
- d) Five
- e) None

# **372.** As many persons bought the car before **Q** as after\_\_

- a) W
- b) V
- c) R
- d) P
- e) T

# **373.** V bought the car in which of the following month and year?

- a) January 2021
- b) April 2021
- c) January 2022
- d) March 2022
- e) March 2021
- 374. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
- a) S
- b) W
- c) P
- d) R
- e) T
- 375. If Q is related to V and R is related to P in a certain way, then in the same way who among the following person is related to S?
- a) U
- b) R
- c) P
- d) W
- e) T

# Directions (376-380): Study the following information carefully and answer the given questions.

Seven boxes viz. A, B, C, D, E, F and G are kept one above another in a single stack. Less than three boxes are kept below box F.

Only two boxes are kept between boxes D and F. Box D is kept two boxes above box B. The number of boxes kept below Box B is one more than the number of boxes kept above Box E. Box C is kept immediately above Box A. Box G is not kept at the topmost position.

# **376.** Which of the following box is kept three boxes below box C?

- a) The box which is kept immediately below G
- b) F
- c) E
- d) The box which is kept immediately above B
- e)D











### 377. If all the boxes are arranged in alphabetical order from the top, then how many boxes remain unchanged in its position?

- a) One
- b) Two
- c) Three
- d) Four
- e) None

### 378. Which of the following statement is TRUE as per the given arrangement?

- a) Even number of boxes are kept between E and
- b) Box C is kept immediately below box D
- c) More than four boxes are kept below box A
- d) Box C is kept at the topmost position
- e) Box F is kept below box G

#### 379. How many boxes are kept between A and **B**?

- a) Four
- b) Two
- c) None
- d) One
- e) Three

#### **380.** What is the position of box D?

- a) Third
- b) Second
- c) Fourth
- d) Sixth
- e) First

### Directions (381-385): Study the following information carefully and answer question given below:

Seven persons-J, K, L, M, N, O and P are sitting around a circular table facing away from the center of the table.

O and L sit adjacent to each other. P sits third to the left of O. One person sits between P and M. M does not sit adjacent to L. J does not sit third to the right of M. K sits second to the left of J. N does not sit adjacent to K.

### **381.** What is the position of 0 with respect to N?

- a) Second to the right
- b) Immediate left
- c) Third to the left
- d) Immediate right
- e) Fourth to the left

#### 382. \_\_\_ sits third to the left of L.

- a) The one who sits immediate left of N
- b) N
- c) The one who sits second to the left of K
- d) I
- e) The one who sits second to the right of O

#### 383. How many persons sit between K and P when counted from the left of K?

- a) Two
- b) Three
- c) One
- d) None
- e) Four

### 384. Who among the following person sits adjacent to M?

- a) N
- b) The one who sits immediate left of O
- d) The one who sits second to the right of N
- e) P

### 385. Which of the following statement(s) is/are False?

- a) P sits immediate left of N
- b) K sits adjacent to 0
- c) I sits immediate left of M
- d) L sits adjacent to N
- e) None of these

#### Directions (386-390): Study the following information carefully and answer questions given below.

Ten persons are sitting in two parallel rows facing towards each other such that R, S, T, U and V are sitting in row 1 and facing towards the south while F, G, H, I and J are sitting in row 2 and facing towards the north, but not necessarily in the same order.











Only two persons sit between T and V, who sits at one of the ends of the row. Only one person sits between J and the one who faces T. G sits three places away from J. Only two persons sit between S and R, who doesn't face G. H sits immediate left of the one who faces U. I doesn't sit adjacent to H.

# **386.** Who among the following pair of persons sit at the extreme end?

- a) T, I
- b) G, U
- c) G, V
- d) S, J
- e) U, F

# 387. Four of the following five are alike in a certain way as per the final arrangement and hence form a group. Find the one who doesn't belong to that group.

- a) The one who sits opposite to J
- b) F
- c) The one who sits opposite to T
- d) I
- e) R

# **388.** Who among the following person sits second to the left of I?

- a) The one who sits opposite to T
- b) G
- c) The one who sits immediate right of H
- d) J
- e) None of these

#### **389.** How many persons sit to the right of J?

- a) One
- b) Two
- c) Three
- d) Four
- e) None

# 390. Which of the following statement(s) is/are true with respect to the final arrangement?

- a) Both H and J sit adjacent to each other
- b) U sits opposite to J
- c) T sits second to the right of the one who faces J
- d) F sits immediate left of H
- e) None is true

# Directions (391-395): Study the following information carefully and answer the given below.

Nine persons A, D, G, H, K, M, Q, S and U are standing in a school assembly prayer one after another but not necessarily in the same order.

Only three persons stand between U and G. M stands two persons after U. Only two persons stand between M and A, who stands after G. S stands two persons before A. As many persons stand between A and M as between D and Q, who stands immediately before M. H stands immediately before D. K doesn't stand after S.

### 391. How many persons stand after M?

- a) Four
- b) Three
- c) One
- d) Five
- e) Two

# **392.** Who among the following person stands two persons after D?

- a) Q
- b) The one who stands immediately before A
- c) S
- d) The one who stands immediately before Q
- e) None of these

# 393. As many persons stand between S and Q as between D and \_\_\_.

- a) U
- b) S
- c) G
- d) A
- e) M

#### **394.** Which of the following statement is true?

- a) D stands immediately before U
- b) Only two persons stand between A and G
- c) No one stands between Q and M
- d) A stands two persons after U
- e) All the statements are true
- 395. Four of the following are alike in a certain way and thus form a group. Which of the following one does not belong to that group?











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- a) KQ
- b) KG
- c) MG
- d) HK
- e) SA

Directions (396-400): Study the following information carefully and answer the below questions.

Seven persons-T, U, V, W, X, Y, and Z are working in the same company with different designations. The designations are in decreasing order as President, Project manager, Manager, Team Leader, Senior Tester, Associate test engineer and Junior Tester where President is the senior most designation.

Z works as a Manager. The number of persons senior to Z is the same as the number of persons junior to T. W works either immediately senior or immediately junior to T. V works immediately senior to Y but not junior to T. X is senior to W but junior to Z.

### 396. Who among the following person is three persons senior to X?

- a) V
- b) Y
- c) X
- d) T
- e) W

#### 397. Who among the following persons are senior to T?

I. U

II. X

III. Z

IV. W

- a) Only I and IV
- b) Only I and III
- c) Only III and IV
- d) Only II and III
- e) Only I and II

#### 398. Who among the following person works as President?

- a) The one who is immediately senior to Y
- b) Y

- c) Z
- d) The one who is immediately senior to U
- e)T

### 399. Four of the following five are alike in a certain way to form a Group. Find the one which does not belong to that group?

- a) President-Y
- b) Senior Tester-V
- c) Manager-X
- d) Project Manager-Z
- e) Team Leader-T

#### **400.** What is the designation of X?

- a) President
- b) Project Manager
- c) Manager
- d) Team Leader
- e) Junior Tester

### Directions (401-405): Study the following information carefully and answer the given questions.

Eight cricket players - A, B, C, E, F, G, H, and I performed in a match in eight different months -January, March, April, May, June, August, September, and October but not necessarily in the same order.

E performed three months before I, who performed in a month which has an even number of days. As many players performed before E as after G. Only two players performed between G and A, who did not perform in January. H performed at least two months before A. F performed immediately after B.

#### 401. How many players performed between C and G?

- a) One
- b) As many players performed before G
- d) As many players performed after A
- e) None

### **402.** Who among the following performed three months before F?

a) B











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- b) A
- c) H
- d) E
- e) C
- 403. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
- a) E
- b) G
- c) B
- d) H
- e) I
- **404.** Which of the following statement(s) is/are true with respect to the final arrangement?
- I) Only one player performed between C and H
- II) G performed immediately after B
- III) No one performed after E
- a) Only I is true
- b) Both II and III are true
- c) Only III is true
- d) Both I and II are true
- e) None is true
- 405. As many players performed between G and \_\_ as between H and B
- a) I
- b) A
- c) C
- d) E
- e) F

Directions (406-410): Study the following information carefully and answer the given questions.

Eight people - L, M, N, O, S, T, U, and V are living in a four-storey building such that the lowermost floor is numbered as one, the floor immediately above it is numbered as two, and so on.

Note I: Each floor has two flats viz, Flat-A and Flat-B, where Flat-A is to the west of Flat-B.

Note II: Flat-A of floor 2 is immediately above Flat-A of floor 1 and Flat-A of floor 3 is immediately below Flat-A of floor 4. Flat-B of floor 2 is immediately above Flat-B of floor 1 and Flat-B of floor 3 is immediately below Flat-B of floor 4.

Note III: Area of each flat is same

**Note-IV:** Only two persons live on each floor and only one person lives in each flat.

S lives three floors below N, who does not live in flat A. V lives on the adjacent floor to S but does not live in the same type of flat. As many floors below V as above L. T lives above L and both are not living in different type of flats. Only one floor is between T and U.O does not live below U. No one lives to the east of M.

### 406. U lives on which of the following flat and floor?

- a) Flat-A, Floor-4
- b) Flat-B, Floor-4
- c) Flat-B, Floor-2
- d) Flat-A, Floor-2
- e) None of these

### **407.** Which of the following statement (s) is/are NOT TRUE with respect to the final arrangement?

- I) V lives immediately below T
- II) Only two floors are between N and U
- III) M lives on the topmost floor
- a) Only I
- b) Both II and III
- c) Both I and II
- d) Only III
- e) All I, II and III

### 408. Which of the following pairs of persons didn't live in the same flat?

- a) T. S
- b) L, M
- c) N, V
- d) S, L
- e) 0, V
- 409. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
- a) S
- b) N











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- c) V
- d) U
- e) T

### **410.** As many floors above V as between \_\_\_\_ and \_\_\_\_.

- a) U and O
- b) T and L
- c) S and T
- d) M and U
- e) S and O

### Directions (411-415): Study the following information carefully and answer the given questions.

Eight people – L, M, N, P, Q, R, S and T are sitting around a square table in such a way that four of them are sitting at the corners and facing away from the centre, while four of them are sitting in the middle of the sides and facing the centre.

Two people sit between N and T, who does not sit at the corner. S sits second to the right of N. Only one person sits between S and Q (either from left or right). Q sits third to the right of R. Three people sit between M and L. P sits to the immediate left of M.

### 411. If all the people were made to sit in alphabetical order from L in an anti-clockwise direction, then who among the following person remains unchanged in their position?

- a) S
- b) T
- c) P
- d) R
- e) None of these

### 412. Who among the following person sits third to the right of M?

- a) 0
- b) The one who sits immediate left of L
- c) N
- d) T
- e) The one who sits second to the left of R

### 413. Which of the following pairs of persons, the first person sits second to the left of the second person?

- a) M, T
- b) Q, S
- c) L, M
- d) S, N
- e) N, Q

### 414. How many persons sit between R and Q, when counted from the left of Q?

- a) One
- b) Two
- c) Three
- d) Four
- e) More than four

### 415. What is the position of L with respect to S?

- a) Second to the right
- b) Fourth to the left
- c) Immediate right
- d) Second to the left
- e) Immediate left

### Directions (416-420): Study the following information carefully and answer the given questions.

A certain number of people are sitting in a linear row facing north. Not more than twenty four people are sitting in the row.

S sits fourth from one of the ends. Only three people sit between S and F, who sits immediate left of A. Only eight people sit between A and X. J sits third to the left of X. As many people sit between J and F as between X and T. Only six people sit between T and C. As many people sit to the right of F as to the left of C.

#### **416.** How many people are sitting in the row?

- a) 24
- b) 20
- c) 18
- d) 19
- e) 21











### 417. Who among the following people sits fifth to the left of A?

- a) X
- b) The one who sits fourth to the left of F
- d) The one who sits second to the left of X
- e) J

### 418. If Z sits exactly between A and J, then the number of persons sitting between \_\_\_ and Z is eight.

- a) C
- b) F
- c) X
- d) T
- e) S

### 419. Which of the following statement is true with respect to the final arrangement?

- a) X sits second to the right of C
- b) A sits third from one of the extreme ends of the row
- c) I sits seventh to the left of C
- d) T is an immediate neighbor of F
- e) None is true

### 420. As many people sit between F and T as between X and \_\_\_.

- a) I
- b) S
- c) A
- d) F
- e) C

#### Directions (421-425): Study the following information carefully and answer questions given below.

Six persons J, K, L, M, N, and O buy the houses on two different dates either 11th or 24th of three different months viz., March, June, and October of the same year, but not necessarily in the same order.

N buys the house on an odd numbered date of the month having 31 days. Only one person buys the house between N and J. M buys three months before I but on an even-numbered date. More than two persons buy the house between M and O. K buys the house on the same date as O. L does not buy the house in March.

### **421.** Who among the following persons buy the house on June 24th?

- a) The one who buys immediately before N
- b) L
- c) The one who buys two persons after M
- e) None of these.

### 422. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?

- a) N
- b) 0
- c) K
- d) M
- e) L

### **423.** Which of the following statements is/are true with respect to the final arrangement?

- a) N buys the house in the same month as I
- b) Three persons buy between M and L
- c) K buys the house on an odd numbered date
- d) None is true
- e) All are true

#### 424. As many persons buy the house before M as after\_?

- a) N
- b) None of these
- c) 0
- d) K
- e)L

#### 425. How many persons are buying houses between N and K?

- a) One
- b) Two
- c) Three
- d) Four
- e) None

Directions (426-430): Study the following information carefully and answer the questions given below.











Seven persons A, D, H, K, P, R, and V joined the IELTS course in different years from 2015 to 2021, but not necessarily in the same order.

R joined five years before K. Only two years gap between the joining years of R and A. Two persons joined between V and H, who neither joined before V nor joined in a leap year. D joined before P, who did not join in the even numbered year.

# **426.** Who among the following persons joined the IELTS course in 2018?

- a) The one who joined immediately before D
- b) R
- c) P
- d) The one who joined immediately before H
- e) None of these

# **427**. Which of the following pairs of persons joined IELTS in an odd numbered year?

- I. RD
- II. HP
- III. KR
- a) Only I
- b) Only I and II
- c) Only III
- d) Only II and III
- e) All I, II and III

# **428.** If A is related to 2015 and K is related to 2017 in a certain way, then P is related to\_?

- a) 2016
- b) 2017
- c) 2018
- d) 2019
- e) None of these

# 429. If all the persons are joined in alphabetical order from 2015 to 2021, then who among the following person remains unchanged?

- a) D
- b) K
- c) R
- d) No one
- e) Both b and c

# **430.** Which of the following combination is true?

- a) K-2016
- b) P-2018
- c) A-2017
- d) D-2019
- e) R-2015

# Directions (431-435): Study the following information carefully and answer the questions given below.

Seven persons- L, M, N, O, P, Q and R are sitting in a linear row facing north, but not necessarily in the same order.

R sits third to the left of Q, but none of them sits at the end of the row. One person sits between R and L, who does not sit third from the right end. P sits adjacent to L. M sits to the left of O but to the right of N, who does not sit adjacent to M.

# **431.** Who among the following persons sit between R and M?

- I. L
- II. Q
- III. N
- a) Only I
- b) Only II
- c) Only I and II
- d) Only II and III
- e) All I, II and III

# **432.** Who among the following pair of persons are immediate neighbors?

- a) NP
- b) QM
- c) RO
- d) PM
- e) LN

# **433.** What is the position of L with respect to M?

- a) Immediate right
- b) Second to the right
- c) Immediate left
- d) Third to the right
- e) Second to the left











- 434. If all the persons are arranged in reverse alphabetical order from left to right, then how many persons remain unchanged in their positions?
- a) One
- b) Two
- c) Three
- d) Four
- e) Five
- 435. If the positions of P and M are interchanged, then the positions of M and N are interchanged, then who among the following person sits third to the right of M?
- a) 0
- b) P
- c)Q
- d) L
- e) None of these
- Directions (436-440): Study the following information carefully and answer the questions given below.

Eight boxes A, B, C, D, P, Q, R and S are kept one above another in a single stack, but not necessarily in the same order.

Only three boxes are kept between box B and box R. Box S is kept immediately above box B. Box Q is kept two boxes below box S but immediately above box C. Box D is kept below box P but above box A. Neither box D nor box A is kept below box S.

# **436.** Which of the following box is kept three boxes below box P?

- a) Box D
- b) The box which is kept immediately above S
- c) Rox S
- d) The box which is kept immediately below C
- e) None of these
- 437. How many boxes are kept between box R and the box, which is kept immediately above Q?
- a) One
- b) Two
- c) None

- d) Three
- e) More than three

# **438.** Which of the following box is kept exactly between A and C?

- a) Box R
- b) Box Q
- c) Box C
- d) Box B
- e) None of these

# **439**. Which of the following statements is/are true with respect to the final arrangement?

- I. Box D is kept immediately above Box S
- **II.** One box is kept between box R and box A
- III. Box Q is kept immediately below Box B
- a) Only I
- b) Only I and II
- c) Only II and III
- d) Only III
- e) All I, II and III

#### 440. As many Boxes kept above A as below \_?

- a) Box B
- b) Box S
- c) Box R
- d) Box Q
- e) None of these

# Directions (441-445): Study the following information carefully and answer the given questions.

Eight persons - A, B, C, D, E, F, G and H are living on different floors of an eight storey building where the lowermost floor is numbered one and the floor immediately above it is numbered two and so on. No two persons live on the same floor.

B lives on an even-numbered floor but above 3<sup>rd</sup> floor. Only three persons live between B and E, who lives two floors above A. The number of persons living above E is one less than the number of persons living below C. H lives immediately below C. Only one floor is between D and F, who lives above A. More than two persons live below G.











# **441.** Who among the following person lives on the bottommost floor?

- a) A
- b) D
- c) H
- d) B
- e) C

# **442.** What is the position of H with respect to F?

- a) Immediately above
- b) Three floors above
- c) Two floors above
- d) Three floors below
- e) Immediately below

#### 443. How many persons live between G and F?

- a) As many persons live above B
- b) Four
- c) Two
- d) As many persons live between C and A
- e) One

# **444.** On which of the following floor does E live?

- a) Floor 4
- b) Floor 6
- c) Floor 5
- d) Floor 7
- e) Floor 2

# **445.** Who among the following person lives immediately above G?

- a) A
- b) D
- c) F
- d) H
- e) B

# Directions (446-450): Study the following information carefully and answer the given questions.

Eight persons – O, P, Q, R, S, T, U and W are sitting around a rectangular table in such a way that four of them are sitting at the corners and four of them are sitting in the middle of the sides and all of them are facing away from the centre.

Q sits third to the right of O. Two persons sit between Q and P, who sits opposite of R. S sits immediate left of R. W does not sit adjacent to P. The number of persons sitting between W and O is same as the number of persons sitting between S and T, who does not sit at the corner of the table.

# **446.** Who among the following person sits second to the left of S?

- a) The one who sits opposite to Q
- b) 0
- c) W
- d) R
- e) The one who sits opposite to T

# **447**. How many persons sit between R and T, when counted from the right of R?

- a) One
- b) None
- c) Two
- d) Three
- e) More than three

# 448. If R is related to W and S is related to Q in a certain way, then who among the following person is related to S?

- a) 0
- b) R
- c) P
- d) U
- e) W

# 449. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?

- a) 0
- b) U
- c) P
- d) W
- e)R

### 450. What is the position of Q with respect to

#### T

- a) Second to the left
- b) Third to the left
- c) Second to the right
- d) Immediate right
- e) Immediate left











# Directions (451-455): Study the following information carefully and answer the given questions.

Eight people – P, Q, R, S, T, U, V and W plucks flowers one after another on different occasions. No people pluck the flower other than the given people on any other occasion.

Only two people pluck a flower between S and V. R plucks immediately after S. Only one person plucks between R and W, who plucks three people before T. As many people pluck between T and V as between W and U. Only five people pluck between U and P. Q didn't pluck after P.

### 451. As many people pluck before Q as after\_.

- a) S
- b) T
- c) P
- d) V
- e)R

# **452.** Which of the following statements is/are not true as per the given arrangement?

- I. No one plucks after U
- II. Only two people pluck before W
- **III.** As many people pluck between S and R as between O and U
- a) Only I
- b) Only II
- c) Only I and III
- d) Only I and II
- e) Only II and III

# **453.** In which of the following option first person plucks two people after the second person?

- a) RP
- b) QS
- c) TU
- d) VR
- e) WV

# **454.** Which among the following people pluck the flower first and last respectively?

- a) V and U
- b) Q and P
- c) P and S

- d) U and V
- e) T and W

### 455. How many people pluck before S?

- a) As many people pluck between T and P
- b) Two
- c) Four
- d) No one
- e) As many people pluck after R

# Directions (456-460): Study the following information carefully and answer the given questions.

Eight persons - G, H, I, J, K, L, M and N got their salary in eight different months viz., January, February, March, April, May, June, July, and August of the same year. No two persons got the salary in the same month.

H got the salary in a month which has less than 31 days but before June. G got immediately after H. Only three months between the months in which G and I got the salary. The number of persons got their salary before I is one less than the number of persons got their salary after N. K got two persons before L, who got in the month which has 30 days. M got the salary before J.

# **456.** Who among the following person got the salary in April?

- a) G
- b) The one who got immediately before M
- c) I
- d) The one who got two persons after L
- e) N

# **457.** Who among the following person got the salary immediately before I?

- a) G
- b) M
- c) H
- d) L
- e) J

# **458.** Which of the following combination is true as per the given arrangement?

- a) I-July
- b) J-January











- c) H-June
- d) L-April
- e) M-February

#### 459. How many persons got the salary between M and N?

- a) Four
- b) Two
- c) Three
- d) One
- e) More than Four
- 460. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
- a) [
- b) M
- c) G
- d) N
- e) L

### Directions (461-465): Study the following information carefully and answer the given questions.

Eight persons - A, B, C, D, E, F, G and H are living on different floors of an eight storey building where the lowermost floor is numbered one and the floor immediately above it is numbered two and so on. No two persons live on the same floor.

B lives on an even-numbered floor but above 3<sup>rd</sup> floor. Only three persons live between B and E, who lives two floors above A. The number of persons living above E is one less than the number of persons living below C. H lives immediately below C. Only one floor is between D and F, who lives above A. More than two persons live below G.

### 461. Who among the following person lives on the bottommost floor?

- a) A
- b) D
- c) H
- d) B
- e) C

## 462. What is the position of H with respect to

- a) Immediately above
- b) Three floors above
- c) Two floors above
- d) Three floors below
- e) Immediately below

### 463. How many persons live between G and F?

- a) As many persons live above B
- b) Four
- c) Two
- d) As many persons live between C and A
- e) One

### 464. On which of the following floor does E live?

- a) Floor 4
- b) Floor 6
- c) Floor 5
- d) Floor 7
- e) Floor 2

### 465. Who among the following person lives immediately above G?

- a) A
- b) D
- c) F
- d) H
- e)B

### Directions (466-470): Study the following information carefully and answer the given questions.

Eight persons – O, P, Q, R, S, T, U and W are sitting around a rectangular table in such a way that four of them are sitting at the corners and four of them are sitting in the middle of the sides and all of them are facing away from the centre.

Q sits third to the right of O. Two persons sit between Q and P, who sits opposite of R. S sits immediate left of R. W does not sit adjacent to P. The number of persons sitting between W and O is same as the number of persons sitting between S and T, who does not sit at the corner of the table.









### 466. Who among the following person sits second to the left of S?

- a) The one who sits opposite to Q
- b) 0
- c) W
- d) R
- e) The one who sits opposite to T

### 467. How many persons sit between R and T, when counted from the right of R?

- a) One
- b) None
- c) Two
- d) Three
- e) More than three

### 468. If R is related to W and S is related to Q in a certain way, then who among the following person is related to S?

- a) 0
- b) R
- c) P
- d) U
- e) W
- 469. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?
- a) 0
- b) U
- c) P
- d) W
- e)R

### 470. What is the position of Q with respect to **T?**

- a) Second to the left
- b) Third to the left
- c) Second to the right
- d) Immediate right
- e) Immediate left

Directions (471-475): Study the following information carefully and answer the given questions.

Eight people - P, Q, R, S, T, U, V and W plucks flowers one after another on different occasions. No people pluck the flower other than the given people on any other occasion.

Only two people pluck a flower between S and V. R plucks immediately after S. Only one person plucks between R and W, who plucks three people before T. As many people pluck between T and V as between W and U. Only five people pluck between U and P. Q didn't pluck after P.

### **471.** As many people pluck before Q as after\_.

- a) S
- b) T
- c) P
- d) V
- e) R

### **472.** Which of the following statements is/are not true as per the given arrangement?

- I. No one plucks after U
- II. Only two people pluck before W
- III. As many people pluck between S and R as between Q and U
- a) Only I
- b) Only II
- c) Only I and III
- d) Only I and II
- e) Only II and III

### 473. In which of the following option first person plucks two people after the second person?

- a) RP
- b) QS
- c) TU
- d) VR
- e) WV

### 474. Which among the following people pluck the flower first and last respectively?

- a) V and U
- b) Q and P
- c) P and S
- d) U and V
- e) T and W

475. How many people pluck before S?











- a) As many people pluck between T and P
- b) Two
- c) Four
- d) No one
- e) As many people pluck after R

Directions (476-480): Study the following information carefully and answer the given questions.

Eight persons - G, H, I, J, K, L, M and N got their salary in eight different months viz., January, February, March, April, May, June, July, and August of the same year. No two persons got the salary in the same month.

H got the salary in a month which has less than 31 days but before June. G got immediately after H. Only three months between the months in which G and I got the salary. The number of persons got their salary before I is one less than the number of persons got their salary after N. K got two persons before L, who got in the month which has 30 days. M got the salary before J.

### 476. Who among the following person got the salary in April?

- a) G
- b) The one who got immediately before M
- d) The one who got two persons after L
- e) N

### 477. Who among the following person got the salary immediately before I?

- a) G
- b) M
- c) H
- d) L
- e) I

### 478. Which of the following combination is true as per the given arrangement?

- a) I-July
- b) J-January
- c) H-June
- d) L-April
- e) M-February

### 479. How many persons got the salary between M and N?

- a) Four
- b) Two
- c) Three
- d) One
- e) More than Four

### 480. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?

- a) J
- b) M
- c) G
- d) N
- e) L

Directions (481-485): Study the following information carefully and answer the given questions.

Nine persons - I, J, K, L, M, N, O, P and Q are sitting around a circular table facing the centre.

L sits fourth to the right of O. Only two persons sit between O and N(either from left or right). Q sits to the immediate left of N. Only three persons sit between Q and M (either from left or right). As many persons sit between M and L as between L and I. P sits third to the left of J, who doesn't sit adjacent to K.

## **481.** What will come in place of \_?

JI, OQ, IN, QL, \_

- a) PK
- b) PM
- c) NP
- d) KM
- e) JP

### **482.** In which of the following option, the first person sits exactly between the second and third person?

- a) KPL
- b) IJQ
- c) MKO
- d) QNI
- e) PNK









# **483.** What is the position of P with respect to M?

- a) Second to the right
- b) Fifth to the right
- c) Third to the left
- d) Seventh to the right
- e) Immediate right

# **484.** Who among the following person sits third to the right of K?

- a) N
- b) The one who sits to the immediate left of J
- c) Q
- d) L
- e) The one who sits third to the left of N

# 485. If all the persons are made to sit in alphabetical order from I in an anti-clockwise direction, then how many persons changed in their position?

- a) Five
- b) Seven
- c) Two
- d) Eight
- e) None

# Directions (486-490): Study the following information carefully and answer the given questions.

Certain number of persons are sitting in a linear row and facing the north.

Only three persons sit between C and B, who sits third from one of the extreme ends. D sits second to the left of C, who sits exactly between D and F. A sits fourth to the right of F. Nine persons sit between A and K, who sits third to the right of M. As many persons sit between A and M as between B and S. Four persons sit between S and U, who sits second from one of the extreme ends.

# **486.** What is the position of C from the right end of the row?

- a) Eighth
- b) Fifth
- c) Ninth
- d) Fourth
- e) Seventh

# **487.** Who among the following person sits second to the right of B?

- a) F
- b) C
- c) A
- d) D
- e) K

# 488. How many persons are sitting in the linear row?

- a) 23
- b) 22
- c) 24
- d) 20
- e) 25

### 489. How many persons sit between K and C?

- a) Five
- b) Four
- c) Two
- d) Three
- e) None

# **490.** If X sits immediate right of U, then what is the position of X with respect to S?

- a) Fourth to the left
- b) Sixth to the right
- c) Fifth to the right
- d) Sixth to the left
- e) Immediate right

# Directions (491-495): Study the following information carefully and answer the given questions.

Eight persons - G, H, I, J, K, L, M and N are working in different designations in a police department such as Commissioner, Deputy Commissioner (DC), Inspector, Deputy Inspector (DI), Superintendent, Deputy Superintendent (DS), Assistant Chief (AC) and Agent.

The designations are given in decreasing order such that Commissioner is the senior most designation and Agent is the junior most designation.

Only four persons are designated between G and N, who is two persons senior to I. As many persons junior to N as senior to M, who is not the











Agent. H is immediately junior to M. As many persons designated between G and H as between I and L. I is senior to K but is not immediately senior to K.

### 491. Who among the following person is the **Deputy Commissioner of Police?**

- a) I
- b) I
- c) N
- d) K
- e) M

#### 492. What is the designation of L?

- a) Inspector
- b) Deputy Superintendent
- c) Superintendent
- d) Deputy Inspector
- e) None of these

#### 493. How many persons are designated between M and N?

- a) One
- b) As many persons designated between I and L
- c) Three
- d) Four
- e) As many persons designated between I and K

### 494. If all the persons are designated in alphabetical order from senior most to junior most designations, then how many persons remain unchanged in their designations?

- a) One
- b) Two
- c) Three
- d) More than three
- e) None

#### 495. What is the position of H with respect to N?

- a) Four persons junior
- b) Three persons senior
- c) Immediately junior
- d) Two persons senior
- e) Two persons junior

### Directions (496-500): Study the following information carefully and answer the given auestions.

Eight persons - A, B, C, D, E, F, G and H live on four different floors of a four-storey building where the lowermost floor is numbered one and the floor immediately above it is numbered two and so on.

Note I: Each floor has two flats viz, Flat-P and Flat-O, where Flat-P is to the west of Flat-O.

**Note II:** Flat-P of floor 2 is immediately above Flat-P of floor 1 and immediately below Flat-P of floor 3 and so on. Flat-Q of floor 2 is immediately above Flat-Q of floor 1 and immediately below Flat-O of floor 3 and so on.

**Note III:** Area of each flat on each floor is same **Note-IV:** Only two persons live on each floor and only one person lives in each flat.

C lives three floors above G but both of them live in different type of flats. Only one floor is between G and H. H lives to the west of E. As many floors above E as below F, who doesn't live in the same type of flat as C. D lives below F. B lives above A, where no one lives to the west of B.

### 496. In which of the following flat and floor does A live?

- a) Flat P. Floor 3
- b) Flat Q, Floor 3
- c) Flat Q, Floor 2
- d) Flat P, Floor 4
- e) Flat Q, Floor 1

### 497. Who among the following persons live on the fourth floor?

- a) The one who lives to the west of E
- b) D
- c) F
- d) The one who live on the same floor with B

### 498. Which of the following pair of persons lives on the same floor?

- a) HC
- b) FB
- c) GA
- d) BE











e) GD

499. As many floors between C and A as between \_\_\_ and \_\_\_.

a) BE

b) GH

c) FA

d) DC

e) GB

500. Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which one of the following does not belong to the group?

- a) E
- b) C
- c) A
- d) D
- e) H













#### **ANSWER**

	ı	1	1		1	1		1		
Q.1.	C	Q.52. <b>C</b>	Q.103. D	Q.154. D	Q.205. E	Q.256. E	Q.307. E	Q.358. B	Q.409. A	Q.460. E
Q.2.	E	Q.53. <b>D</b>	Q.104. C	Q.155. B	Q.206. B	Q.257. B	Q.308. C	Q.359. D	Q.410. C	Q.461. B
Q.3.	В	Q.54. E	Q.105. B	Q.156. B	Q.207. A	Q.258. C	Q.309. D	Q.360. A	Q.411. C	Q.462. C
Q.4.	D	Q.55. <b>D</b>	Q.106. D	Q.157. C	Q.208. C	Q.259. A	Q.310. A	Q.361. D	Q.412. B	Q.463. D
Q.5.	В	Q.56. <b>E</b>	Q.107. E	Q.158. E	Q.209. A	Q.260. B	Q.311. D	Q.362. B	Q.413. A	Q.464. A
Q.6.	C	Q.57. C	Q.108. B	Q.159. D	Q.210. D	Q.261. D	Q.312. C	Q.363. E	Q.414. D	Q.465. E
Q.7.	В	Q.58. <b>E</b>	Q.109. C	Q.160. A	Q.211. E	Q.262. E	Q.313. E	Q.364. C	Q.415. E	Q.466. A
Q.8.	E	Q.59. A	Q.110. A	Q.161. C	Q.212. B	Q.263. B	Q.314. B	Q.365. B	Q.416. D	Q.467. C
Q.9.	A	Q.60. <b>C</b>	Q.111. C	Q.162. B	Q.213. C	Q.264. C	Q.315. D	Q.366. C	Q.417. B	Q.468. D
Q.10.	D	Q.61. <b>B</b>	Q.112. D	Q.163. D	Q.214. D	Q.265. A	Q.316. D	Q.367. B	Q.418. E	Q.469. B
Q.11.	D	Q.62. <b>E</b>	Q.113. D	Q.164. A	Q.215. E	Q.266. C	Q.317. C	Q.368. D	Q.419. C	Q.470. A
Q.12.	В	Q.63. <b>D</b>	Q.114. A	Q.165. D	Q.216. E	Q.267. B	Q.318. E	Q.369. <b>E</b>	Q.420. A	Q.471. C
Q.13.	C	Q.64. C	Q.115. E	Q.166. B	Q.217. C	Q.268. A	Q.319. B	Q.370. A	Q.421. C	Q.472. A
Q.14.	E	Q.65. A	Q.116. C	Q.167. C	Q.218. B	Q.269. E	Q.320. A	Q.371. C	Q.422. C	Q.473. D
Q.15.	В	Q.66. <b>D</b>	Q.117. B	Q.168. B	Q.219. E	Q.270. D	Q.321. C	Q.372. A	Q.423. D	Q.474. B
Q.16.	E	Q.67. <b>D</b>	Q.118. A	Q.169. B	Q.220. A	Q.271. E	Q.322. B	Q.373. B	Q.424. E	Q.475. E
Q.17.	D	Q.68. <b>B</b>	Q.119. D	Q.170. A	Q.221. C	Q.272. B	Q.323. E	Q.374. E	Q.425. B	Q.476. B
Q.18.	A	Q.69. <b>E</b>	Q.120. E	Q.171. C	Q.222. B	Q.273. D	Q.324. A	Q.375. D	Q.426. D	Q.477. D
Q.19.	C	Q.70. C	Q.121. B	Q.172. D	Q.223. E	Q.274. C	Q.325. D	Q.376. D	Q.427. B	Q.478. A
Q.20.	В	Q.71. <b>C</b>	Q.122. A	Q.173. E	Q.224. A	Q.275. A	Q.326. A	Q.377. A	Q.428. C	Q.479. C
Q.21.	В	Q.72. <b>E</b>	Q.123. C	Q.174. C	Q.225. D	Q.276. A	Q.327. C	Q.378. E	Q.429. D	Q.480. E
Q.22.	E	Q.73. <b>D</b>	Q.124. E	Q.175. C	Q.226. C	Q.277. B	Q.328. B	Q.379. B	Q.430. E	Q.481. C
Q.23.	D	Q.74. A	Q.125. D	Q.176. B	Q.227. A	Q.278. E	Q.329. C	Q.380. C	Q.431. C	Q.482. D
Q.24.	C	Q.75. E	Q.126. D	Q.177. D	Q.228. B	Q.279. D	Q.330. D	Q.381. A	Q.432. B	Q.483. D
Q.25.	A	Q.76. B	Q.127. A	Q.178. C	Q.229. E	Q.280. C	Q.331. <b>E</b>	Q.382. D	Q.433. E	Q.484. E
Q.26.	C	Q.77. <b>D</b>	Q.128. E	Q.179. B	Q.230. D	Q.281. D	Q.332. A	Q.383. B	Q.434. B	Q.485. B
Q.27.	E	Q.78. B	Q.129. B	Q.180. B	Q.231. D	Q.282. A	Q.333. E	Q.384. C	Q.435. D	Q.486. E
Q.28.	В	Q.79. A	Q.130. C	Q.181. C	Q.232. A	Q.283. B	Q.334. A	Q.385. C	Q.436. B	Q.487. C
Q.29.	D	Q.80. <b>E</b>	Q.131. C	Q.182. B	Q.233. E	Q.284. C	Q.335. E	Q.386. C	Q.437. D	Q.488. B
Q.30.	C	Q.81. <b>C</b>	Q.132. E	Q.183. D	Q.234. E	Q.285. E	Q.336. D	Q.387. D	Q.438. D	Q.489. D
Q.31.	В	Q.82. <b>B</b>	Q.133. D	Q.184. E	Q.235. B	Q.286. C	Q.337. C	Q.388. C	Q.439. C	Q.490. A
Q.32.	D	Q.83. A	Q.134. B	Q.185. B	Q.236. E	Q.287. E	Q.338. A	Q.389. A	Q.440. B	Q.491. A
Q.33.	A	Q.84. D	Q.135. A	Q.186. A	Q.237. C	Q.288. A	Q.339. D	Q.390. C	Q.441. B	Q.492. C
Q.34.	E	Q.85. <b>E</b>	Q.136. B	Q.187. D	Q.238. D	Q.289. B	Q.340. E	Q.391. B	Q.442. C	Q.493. B
-	C	Q.86. <b>D</b>	Q.137. D	Q.188. B	Q.239. A	Q.290. D	Q.341. D	Q.392. D	Q.443. D	Q.494. A
Q.36.	D	Q.87. <b>C</b>	Q.138. C	Q.189. C	Q.240. B	Q.291. C	Q.342. B	Q.393. A	Q.444. A	Q.495. D
•	C	Q.88. <b>B</b>	Q.139. E	Q.190. E	Q.241. B	Q.292. E	Q.343. C	Q.394. C	Q.445. E	Q.496. C
Q.38.	E	Q.89. <b>E</b>	Q.140. A	Q.191. A	Q.242. A	Q.293. A	Q.344. A	Q.395. B	Q.446. A	Q.497. D
Q.39.	B	Q.90. A	Q.141. B	Q.192. E	Q.243. C	Q.294. B	Q.345. E	Q.396. A	Q.447. C	Q.498. E
Q.40.	A	Q.91. <b>B</b>	Q.142. D	Q.193. C	Q.244. A	Q.295. D	Q.346. C	Q.397. D	Q.448. D	Q.499. B
Q.41.	C	Q.92. A	Q.143. A	Q.194. B	Q.245. D	Q.296. A	Q.347. E	Q.398. A	Q.449. B	Q.500. E
Q.42.	В	Q.93. A	Q.144. E	Q.195. D	Q.246. C	Q.297. D	Q.348. A	Q.399. B	Q.450. A	
Q.43.	E	Q.94. <b>C</b>	Q.145. C	Q.196. A	Q.247. B	Q.298. C	Q.349. D	Q.400. D	Q.451. C	
Q.44.	D	Q.95. <b>D</b>	Q.146. A	Q.197. B	Q.248. E	Q.299. E	Q.350. B	Q.401. D	Q.452. A	
•	D	Q.96. A	Q.147. E	Q.198. C	Q.249. A	Q.300. B	Q.351. D	Q.402. B	Q.453. D	
·	D	Q.97. C	Q.148. D	Q.199. D	Q.250. D	Q.301. B	Q.352. C	Q.403. E	Q.454. B	
Q.47.		Q.98. D	Q.149. C	Q.200. E	Q.251. B	Q.302. E	Q.353. B	Q.404. A	Q.455. E	
•	В	Q.99. <b>B</b>	Q.150. B	Q.201. C	Q.252. D	Q.303. D	Q.354. B	Q.405. C	Q.456. B	
•	A	Q.100. E	Q.151. C	Q.202. B	Q.253. E	Q.304. A	Q.355. C	Q.406. D	Q.457. D	
·	В	Q.101. E	Q.152. E	Q.203. A	Q.254. A	Q.305. C	Q.356. D	Q.407. E	Q.458. A	
Q.51.	D	Q.102. A	Q.153. B	Q.204. D	Q.255. C	Q.306. B	Q.357. E	Q.408. B	Q.459. C	



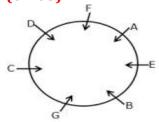






### **EXPLANATION**

### (01-05)



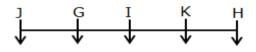
### (06-10)

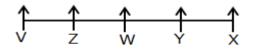
Floors	Persons
7	Р
6	Q
5	R
4	L
3	N
2	М
1	O

## (11-15)

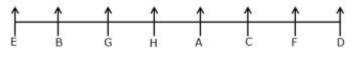
Month	Date	Persons
January	7	W
	26	U
April	7	V
	26	X
October	7	Т
	26	S

### (16-20)





### (21-25)



### (26-30)

Designation	Persons
Chairman	М
Managing director (MD)	0
Chief executive officer (CEO)	R
Manager	L
Specialist officer (SO)	Р
Probationary officer (PO)	Q
Clerk	N

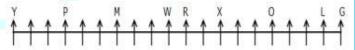
### (31-35)

Chocolates	Eclairs	Snickers	Bounty	
Persons	L, N, G	J, K, H	M, I	

### (36-40)

Persons				
Т				
R				
S				
X				
V				
U				
W				

### (41-45)



### (46-50)

Months	Persons	
January	N	
March	R	
April	0	
July	Q	
August	М	
September	S	
November	P	





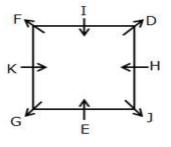




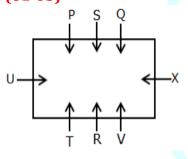
## (51-55)

Days	Persons
Monday	С
Tuesday	В
Wednesday	F
Thursday	Α
Friday	E
Saturday	G
Sunday	D

### (56-60)



### (61-65)



### (66-70)

Boxes
Т
R
J
S
N
Р

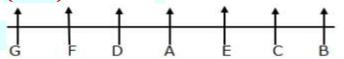
### (71-75)

Years	Persons	
1985	Р	
1988	М	
1989	J	
1994	K	
1996	U	
1999	R	

## (76-80)

Floors	Flat 1	Flat 2
4	K	G
3	L	I
2	F	M
1	J	Н

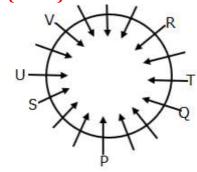
### (81-85)



### (86-90)

Floors	Persons		
8	U		
7	V W S Q		
6			
5			
4			
3			
2	R		
1	P		

### (91-95)









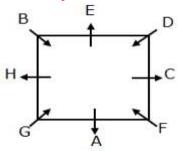


### India's Best Banking Institute

## (96-100)

Bank	SSC	Railway	
P, K, N	R, O, L	M, Q	

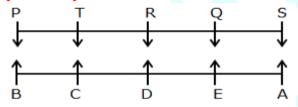
### (101-105)



### (106-110)

Month	Date	Persons
April	5	Q
	10	P
May	5	R
	10	0
June	5	N
	10	М

### (111-115)



### (116-120)

Designation	Persons
CFO	<b>&gt;</b>
coo	Т
CEO	Q
СМО	U
CIO	R
сто	s
Director	Р

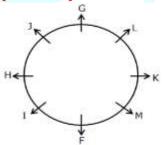
### (121-125)

Days	Persons
Monday	Α
Tuesday	С
Wednesday	E
Thursday	F
Friday	G
Saturday	D
Sunday	В

### (126-130)

Persons		
Т		
U		
S		
Y		
Z		
V		
W		
×		

### (131-135)



### (136-140)

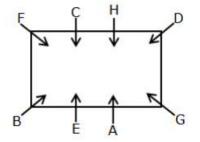
Months	Persons
January	R
March	Т
April	Q
May	0
July	Р
September	N
December	S



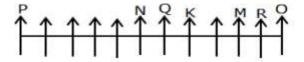




### (141-145)



### (146-150)



### (151-155)

Floors	Flat A	Flat B
4	Q	P
3	V	W
2	S	U
1	Т	R

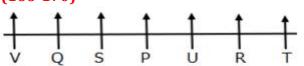
### (156-160)

Boxe	s
G	
T	
N	
I	
М	
U	

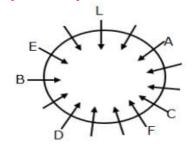
### (161-165)

Years (Age)	Persons
1975 (47)	F
1986 (36)	D
1992 (30)	C
1995 (27)	A
2001 (21)	E
2005 (17)	В

### (166-170)



### (171-175)



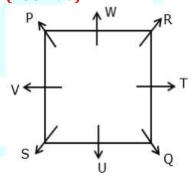
### (176-180)

Month	Date	Persons
	7	F
October	15	A
	7	С
November	15	E
	7	В
December	15	D

### (181-185)

Gpay	Paytm	PhonePe
S, Q, N	P, L, M	R, O

### (186-190)



### (191-195)

Day	Colours
Monday	Blue
Tuesday	White
Wednesday	Orange
Thursday	Green
Friday	Red
Saturday	Yellow
Sunday	Purple





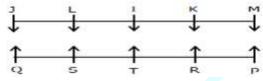




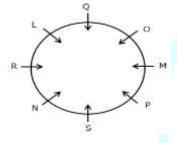
### (196-200)

Floors	Person
7	G
6	В
5	Α
4	Е
3	С
2	F
1	D

### (201-205)



### (206-210)



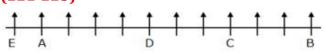
### (211-215)

•	-
Box	
T	1
V	1
Q	1
U	1
S	1
P	
R	

#### (216-220)

F	People	500
	C	
	Α	
	В	
	E	
	D	
	G	
	F	

### (221-225)



### (226-230)

Months	Persons
January	D
February	В
March	F
April	Α
May	С
June	G
July	Н
August	E

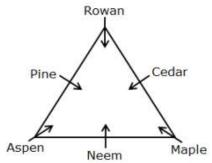
### (231-235)

Designations	Persons
CEO	N
MD	М
Manager	Q
Assistant Manager	R
Assistant	0
Clerk	S
Peon	Р

### (236-240)

•		
Floor	Flat A	Flat B
4	G	K
3	I	J
2	L	Н
1	E	F

### (241-245)











## (246-250)

Month	Date	Persons
March	12	1
	25	N
April	12	J
	25	Р
May	12	М
	25	0
June	12	L
	25	К

### (251-255)

Year	Satellites	
1975	Aryabhata	
1981	Bhaskara-II	
1988	IRS-IA	
2001	GSAT	
2004	EDUSAT	
2008	Chandrayaan-l	
2015	Astrosat	

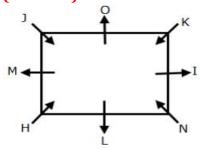
### (256-260)

Days	Persons
Sunday	L
Monday	Р
Tuesday	M
Wednesday	Ν
Thursday	Q
Friday	0
Saturday	R

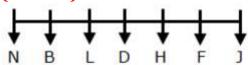
### (261-265)

Floors	Persons
7	V
6	Р
5	S
4	U
3	R
2	Q
1	Т

### (266-270)



### (271-275)



### (276-280)

Lenovo	Hp	Apple
P,S	Q,R,W	U,V,T

### (281-285)

Boxes
М
Q
L
О
S
N
R
Р

### (286-290)

Age	Persons
16	В
18	G
31	Α
38	Η
41	С
45	E
55	F
61	D

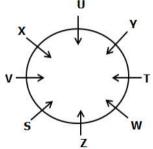




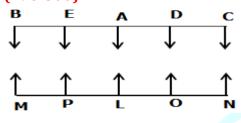




# (291-295) U



### (296-300)



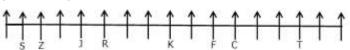
### (301-305)

Persons
M
Q
J
0
L
N
K
Р

### (306-310)

Floors	Flat-P	Flat-Q
5	E	В
4	М	к
3	G	Н
2	С	J
1	Α	D

### (311-315)



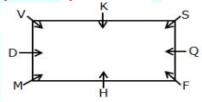
### (316-320)

Designations	persons
Director General	L
Additional Director General	К
Inspector General	м
Deputy Inspector General	Р
Commandant	Q
Junior Commandant	N
Assistant Commandant	0
Midshipman	R

### (321-325)

Box	Stack 1	Stack 2
5	V	R
4	Р	U
3	S	X
2	Y	Q
1	w	Т

### (326-330)



### (331-335)

Months	Persons
January	0
February	М
March	Q
April	S
May	R
July	N
September	Т
November	Р

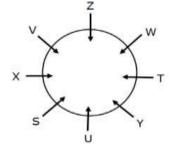






# India's Best Banking Institute

## (336-340)



## (341-345)



### (346-350)

Year	Persons
1988	С
1991	Α
1993	В
1995	E
2000	D
2005	F

### (351-355)

Month	Date	Persons
March	12	R
	15	М
April	12	Q
	15	Р
May	12	T
	15	0
June	12	S
	15	N

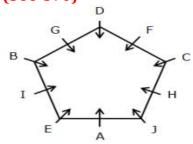
### (356-360)

Floors	Persons
8	N
7	Р
6	J
5	L
4	К
3	0
2	I
1	M

### (361-365)

Department	Mechanical	Aeronautical	Civil
	B,E	D,G,A	C,F,H

### (366-370)



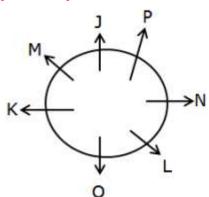
### (371-375)

Үеаг	Month	Person
	January	S
	February	U
2021	March	W
	April	V
	January	Р
	February	Q
2022	March	R
	April	Т

### (376-380)

Box
E
С
Α
D
G
В
F

## (381-385)

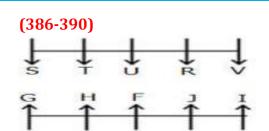












### (391-395)

Person	5
Н	
D	
K	
U	
Q	
М	
S	
G	
Α	

### (396-400)

Designations	Persons
President	V
Project Manager	Y
Manager	Z
Team Leader	Х
Senior Tester	Т
Associate Test Engineer	W
Junior Tester	U

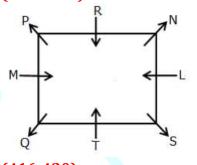
### (401-405)

Months	Players
January	E
March	Н
April	Ĩ.
May	С
June	Α
August	В
September	F
October	G

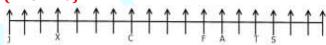
### (406-410)

Floors	Flat-A	Flat-B
4	Т	N
3	L	0
2	U	V
1	s	м

### (411 - 415)



### (416-420)



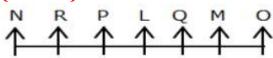
### (421-425)

Month	Date	Person
March	11	N
	24	М
June	11	J
	24	K
October	11	L
	24	0

### (426-430)

Year	Persons
2015	R
2016	V
2017	D
2018	Α
2019	Н
2020	K
2021	Р

### (431-435)











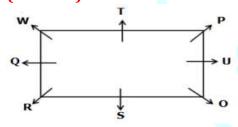
## (436 - 440)

Boxes
Р
R
D
Α
S
В
Q
С

### (441-445)

Floors	Persons
8	В
7	G
6	С
5	Н
4	E
3	F
2	Α
1	D

### (446-450)



### (451-455)

People
Q
U
W
S
R
Т
V
Р

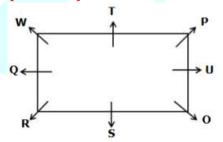
## (456-460)

Months	Persons
January	N
February	Н
March	G
April	K
May	М
June	L
July	I
August	J

### (461-465)

Floors	Persons
8	В
7	G
6	С
5	Н
4	E
3	F
2	Α
1	D

### (466-470)



### (471-475)

People
Q
U
W
S
R
Т
V
Р





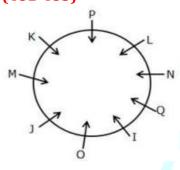




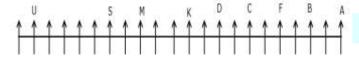
### (476-480)

Months	Persons	
January	N	
February	Н	
March	G	
April	K	
May	М	
June	L	
July	I	
August	J	

#### (481-485)



#### (486-490)



#### (491-495)

Designation	Person
Commissioner	G
Deputy commissioner	J
Inspector	М
Deputy inspector	Н
Superintendent	L
Deputy superintendent	N
Assistant chief	K
Agent	I

### (446-500)

Floors	Flat P	Flat Q
4	В	С
3	Н	E
2	F	Α
1	G	D



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