



Late. Pasapula Subbarayudu Chetty
Ex. Municipal Chairman - Nandyal,
Donor of Land



Estd : 1967



Late. Kasetti Venkata Subbaiah Chetty
Donated Rs. One Lakh
in the year 1965

PSC & KVSC GOVERNMENT COLLEGE

Nandyal (Dist.), A.P.



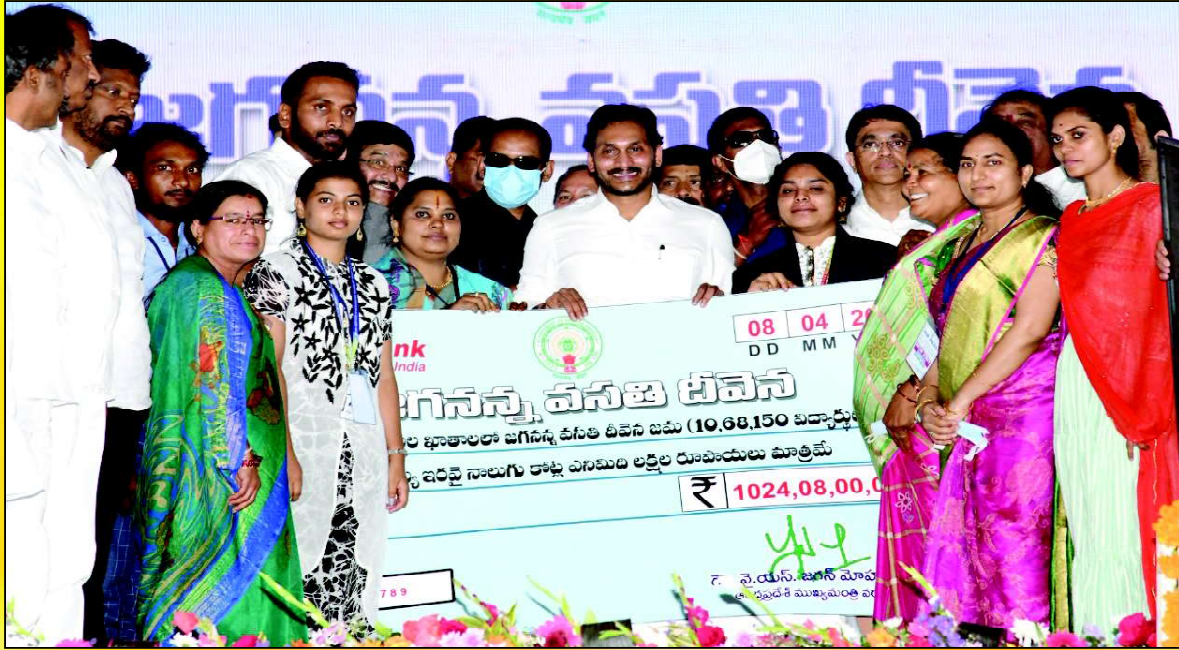
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CURRENT AFFAIRS & GENERAL STUDIES

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PSC & KVSC Students with Hon'ble Chief Minister Y.S. Jagan Mohan Reddy Garu on the occasion of "Jagananna Vasathi Deevana"



Dr. Pola Bhaskar, IAS Commissioner of Collegiate Education, Dr. Tulasi Masthanamma, AGO & Dr. Nagalinga Reddy, RJDCE, Kadapa participated in zonal level review meeting.



Dr. N. Shashikala, Principal giving the bouquet to
Dr. Pola Bhaskar, IAS Commissioner of Collegiate Education, A.P.



Dr. Pola Bhaskar, IAS Commissioner of Collegiate Education, A.P. interaction with college students.



Prof. Ananda Rao, Vice-Chancellor of Rayalaseema University felicitated by
Dr. N. Shashikala, Principal and Staff members



Prof. Sundarananda Puccha, Registrar, Rayalaseema University addressing on the occasion of
introduction of single major subject.

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CURRENT AFFAIRS

Q.1) Who was installed as Malaysia's 17th king in January 2024?

- a) Sultan Abdullah Sultan Ahmad Shah
- b) Sultan Ibrahim Sultan Iskandar
- c) Sultan Kamal Hossein Firdauz
- d) Sultan Tuanku Abdul Rahman
- e) None of these

Ans: b

Q.2) Which bank faced major business restrictions imposed by the RBI in January 2024?

- a) HDFC Bank
- b) Axis Bank
- c) ICICI Bank
- d) Paytm Payments Bank
- e) None of these

Ans: d

Exp:

Q.3) What is the name of the WHO report where it has shown global improvements regarding elimination of industrially produced trans-fatty acids?

- a) TFA Elimination Global Report
- b) REPLACE Initiative Assessment
- c) November 2023 WHO Report
- d) Trans Fat-Free World Assessment

e) None of these

Ans: c

Q.4) Which pair won India's first gold medal at the ISSF Shooting World Cup 2024 in Cairo?

- a) Saurabh Chaudhary and Sonam Uttam Maskar
- b) Rhythm Sangwan and Ujjwal Malik
- c) Gagan Narang and Saurabh Chaudhary
- d) Divyansh Singh Panwar and Sonam Uttam Maskar
- e) None of these

Ans: b

Q.5) Which state secured the top position in the medal tally at the Khelo India Youth Games 2023 in Chennai?

- a) Tamil Nadu
- b) Maharashtra
- c) Haryana
- d) Telangana
- e) None of these

Ans: b

Q.6) Which swimmer has bagged 5 medals at the Khelo India Youth Games 2023?

- a) Sanjana from Haryana
- b) Keerthana from Tamil Nadu
- c) Aarti Tatguni from Maharashtra
- d) Vritti Agarwal from Telangana
- e) None of these

Ans: d

Q.7) Where was the 12th India-Oman Joint Military Cooperation Committee meeting held in

January 2024?

- a) New Delhi, India b) Muscat, Oman
- c) Gandhinagar, India d) Salalah, Oman
- e) None of these

Ans: b

Q.8) Which airport was recently declared as an International Airport by the Government of India?

- a) Surat airport, Gujarat
- b) Bagdogra airport, West Bengal
- c) Kochi airport, Kerala
- d) Coimbatore airport, Tamil Nadu
- e) None of these

Ans: a

Q.9) Which state government recently established the 'Sadak Surakhya Force' (SSF) to reduce road fatalities?

- a) Maharashtra b) Uttar Pradesh
- c) Punjab d) Delhi
- e) None of these

Ans: c

Q.10) The Indian Coast Guard (ICG) is celebrating its ____ Raising Day on 1 February 2024

- a) 46th b) 47th c) 48th
- d) 49th e) None of these

Ans: c

Q.11) Who took the oath of Office and Secrecy as Member, UPSC, on February 1, 2024?

- a) Ajay Verma
- b) Dr. Ameer Yajnik
- c) Sanjay Verma
- d) Shri Prabhakar Reddy Vemireddy
- e) None of these

Ans: c

Q.12) Who was appointed as the non-executive chairman of AU Small Finance Bank?

- a) Harun Rashid Khan
- b) Raj Verma c) Aathira Varier
- d) None of the above e) None of these

Ans: a

Q.13) Which Hyderabad-based dronetech startup has developed India's first mineral exploration drone?

- a) NMDC Ltd. b) Navratna PSU
- c) Octacopter Drones d) Marut Drones
- e) None of these

Ans: d

Q.14) What was the theme of the 20th National Good Governance Webinar Series held on January 31, 2024?

- a) Promoting Excellence in Sports and Wellness through Khelo India Scheme
- b) Digital Governance for Inclusive Development
- c) Public Service Delivery through Citizen-Centric Initiatives
- d) Capacity Building for Effective Governance
- e) None of these

Ans: a

Q.15) Which Indian scientist received the Blavatnik Award for Young Scientists in the Life Sciences category?

- a) Rahul R Nair b) Mehul Malik
- c) Tanmay Bharat d) All of them
- e) None of these

Ans: d

Q.16) Who is the first woman Subedar in the Indian Army?

- a) Preeti Rajak b) Sonam Katyani
- c) Dhupiya Mahajan d) Anjali Srivastava
- e) None of these

Ans: a

Q.17) Which swimmer won five individual gold medals at Khelo India Youth Games 2023?

- a) Vritti Agarwal b) Srihari Nataraj
- c) Sajan Prakash d) Kushagra Rawat
- e) None of these

Ans: a

valuable experience competing against some of the

Q.18) Which state topped the Khelo India Youth Games 2023 medal table?

- a) Tamil Nadu b) Maharashtra
- c) Haryana d) Uttar Pradesh
- e) None of these

Ans: b

Q.19) What is the amount of capital expenditure (capex) outlay announced by the Indian government in the union budget 2024-25?

- a) Rs 10.10 lakh crore b) Rs 11.11 lakh crore
- c) Rs 12.12 lakh crore d) Rs 13.45 lakh crore
- e) None of these

Ans: b

Q.20) As per the Union Budget 2024-25, what is the projected amount of tax receipts in the financial year 2024-25?

- a) Rs 26.02 lakh crore b) Rs 27.02 lakh crore
- c) Rs 28.02 lakh crore d) Rs 29.02 lakh crore
- e) None of these

Ans: a

Q.21) What is the primary focus of the 'Ungalai Thedi, Ungal Ooril' initiative launched by the Tamil Nadu government?

- a) Directly addressing public grievances
- b) Promoting tourism development
- c) Addressing agricultural issues
- d) Improving healthcare facilities
- e) None of these

Ans: a

Q.22) To whom has the Indian Navy declared the year 2024?

- a) Naval Civilians b) Naval Shipbuilders
- c) Naval Officers d) Naval Engineers
- e) None of these

Ans: a

Q.23) Which organization has released the report "Electricity 2024"?

- a) World Bank
- b) International Energy Agency (IEA)
- c) United Nations Development Programme (UNDP)
- d) Bureau Of Energy Efficiency
- e) None of these

Ans: b

Q.24) Who assumed charge as the Chief Hydrographer to the Government of India on February 1, 2024?

- a) Vice Admiral Lokesh Kumar
- b) Vice Admiral Rajendra Singh

c) Vice Admiral Lochan Singh Pathania

d) Vice Admiral Harish Sharma

e) None of these

Ans: c

Q.25) Consider the following statements about INS Sandhayak:

Statement no.1: INS Sandhayak was the Indian Navy's oldest Hydrographic Survey Vessel that was decommissioned in 2021.

Statement no.2: The latest Survey Vessel INS Sandhayak was commissioned at Naval Dockyard, Vizag in 2024

Statement no.3: The ship has been built by Mazgaon Dock Shipbuilders Ltd.

Which of the following statements is/are incorrect?

- a) Statement no.1 only
- b) Statement no.3 only
- c) Statement no.1 and 3 only
- d) All of the above
- e) None of these

Ans: b

Q.26) Which state of India has the highest number of Ramsar sites?

- a) Kerala b) Karnataka c) Telangana
- d) Tamil Nadu e) None of these

Ans: d

Q.27) Who has sworn in as the new Chief Minister of Jharkhand following the arrest of Hemant Soren in February 2024?

- a) Shibu Soren b) Simla Soren
- c) Chomu Soren d) Champai Soren
- e) None of these

Ans: d

Q.28) Where will India's first beachside startup fest, "Emerge-2024," be held?

- a) Mumbai b) Goa
- c) Mangaluru d) Chennai
- e) None of these

Ans: c

Q.29) Where was the National Arogya Fair inaugurated by Union Ayush Minister Shri Sarbananda Sonowal?

- a) Mumbai
- b) Chennai
- c) Kolkata
- d) New Delhi
- e) None of these

Ans: d

Q.30) What is the theme of World Wetlands Day 2024?

- a) Our Wetlands, Our Protection
- b) Wetlands action for people and nature
- c) Wetland restoration
- d) Wetlands and human wellbeing
- e) None of these

Ans: d

Q.31) The WHO's International Agency for Research on Cancer (IARC) conducted a survey. Select the accurate statement regarding this investigation.
Statement 1: The projected global incidence of new cancer cases is expected to reach 15 million by the year 2050.

Statement 2: The International Agency for Research on Cancer (IARC) stated that approximately 9.7 million cancer-related deaths were estimated in the year 2022 based on data from 185 countries

Statement 3: The highest increases in the number of cancer cases are anticipated to be observed in the most underdeveloped countries.

- a) Only 1
- b) Only 2
- c) Only 1 and 2
- d) Only 2 and 3
- e) None of these

Ans: b

Q.32) Where will the Railway Protection Force (RPF) host the 67th All India Police Duty Meet (AIPDM)?

- a) Pune
- b) Kolkata
- c) Lucknow
- d) Delhi
- e) None of these

Ans: c

Q.33) Which company has joined hands with the Argentine Football Association (AFA) to promote its snacks, pasta, and noodles brands?

- a) ITC Foods
- b) Hindustan Unilever Limited

- c) PepsiCo India
- d) Nestlé India
- e) None of these

Ans: a

Q.34) Pundalik K. Badiger, recipient of the Best _____ Award presented by the Karnataka Union of Working Journalists (KUWJ)?

- a) News reporter
- b) Editor-in-chief
- c) Photographer
- d) Video Editor
- e) None of these

Ans: c

Q.35) On which date will the Indian Air Force conduct the mega exercise Vayu Shakti 2024?

- a) February 10, 2024
- b) February 15, 2024
- c) February 17, 2024
- d) February 20, 2024
- e) None of these

Ans: c

Q.36) The KISAN Agri Show 2024 is a three-day event organized at _____?

- a) Karnataka
- b) Telangana
- c) Andhra Pradesh
- d) Tamil Nadu
- e) None of these

Ans: b

Q.37) When will Justice P S Dinesh Kumar retire as the Chief Justice of the Karnataka High Court?

- a) February 12, 2024
- b) February 18, 2024
- c) February 22, 2024
- d) February 24, 2024
- e) None of these

Ans: d

Q.38) Who was selected as a torchbearer for the upcoming 2024 Paris Olympic Games?

- a) Abhinav Bindra
- b) Jiri Privratsky
- c) Romain Aufrere
- d) Lorenzo Bacci
- e) None of these

Ans: a

Q.39) Which Indian shooter won a bronze medal in the men's 50m rifle 3 positions event at the Cairo World Cup in 2024?

- a) Manu Bhaker
- b) Akhil Sheoran
- c) Gagan Narang
- d) Divyansh Singh Panwar
- e) None of these

Ans: b

Q.40) Which country will host the ICC AGM in July 2024?

- a) India b) England c) Australia
- d) Sri Lanka e) None of these

Ans: d

Q.41) Where was the three-day mega Regional Agricultural Fair organized by the ICAR-Indian Institute of Vegetable Research?

- a) Lucknow b) Bareilly c) Varanasi
- d) Prayagraj e) None of these

Ans: c

Q.42) Where in Odisha will the foundation stone for the Talabira Thermal Power Project of NLC India Limited be laid by Prime Minister Narendra Modi?

- a) Cuttack b) Sambalpur c) Jharsuguda
- d) Rourkela e) None of these

Ans: b

Q.43) Who has been appointed as the principal secretary to the Chief Minister of Jharkhand?

- a) P.K. Mishra
- b) Rajiv Gauba
- c) Pradip Kumar Tripathi
- d) Vinay Kumar Choubey
- e) None of these

Ans: d

Q.44) What is the name of the AI platform launched by AIIMS, New Delhi, in collaboration with the CDAC Pune, for facilitating early detection of cancer?

- a) iCancer.ai b) CancerDetect.ai
- c) iOncology.ai d) CancerAI Detect
- e) None of these

Ans: c

Q.45) At which historical monument was India's Unified Payments Interface (UPI) formally launched, marking its global debut?

- a) Statue of Liberty, New York
- b) Eiffel Tower, Paris
- c) Big Ben, London
- d) Times Square, New York
- e) None of these

Ans: b

Q.46) Which film won the Best Animation Film award at the Kanchenjunga International Film Festival?

- a) Lachit the Warrior b) The Heroic General
- c) Legends of Assam d) Mughal Conquest
- e) None of these

Ans: a

Q.47) On behalf of which association is the Maha Gaurav Samman award presented?

- a) Maharashtra Press Club
- b) Maharashtra Journalists Association
- c) Digital Media Editor Journalist Association Maharashtra
- d) Maharashtra Public Relations Society
- e) None of these

Ans: c

Q.48) Which state won the Nagesh Trophy in the Men's National T20 Cricket Tournament for the Blind?

- a) Andhra Pradesh b) Karnataka
- c) Maharashtra d) Tamil Nadu
- e) None of these

Ans: b

Q.49) Which state government announced the 'Digital Detox' initiative to encourage mindful use of social media?

- a) Karnataka b) Tamil Nadu
- c) Kerala d) Telangana
- e) None of these

Ans: a

Q.50) Who set a world record with four consecutive centuries in their debut season of the Ranji Trophy?

- a) Anupama Chopra
- b) Vidhu Vinod Chopra c) Agni Chopra
- d) Rimon Chopra e) None of these

Ans: c

Q.51) Who among the following has been appointed to the board of the US-India Strategic Partnership Forum?

- a) Anuj Gupta b) Rajiv Kapoor
- c) Sameer Desai d) Prashant Ruia
- e) None of these

Ans: d

Q.52) Which portal, recently launched by NCPCR, facilitates the digital monitoring and tracking of the restoration and repatriation of children in accordance with the Juvenile Justice (Care and Protection of Children) Act, 2015?

- a) Track Child Portal
- b) Khoya-Paya Portal
- c) Go Home and Re-Unite (GHAR) Portal
- d) Crime and Criminal Tracking & Network Systems (CCTNS) Portal
- e) None of these

Ans: c

Q.53) who has assumed the position of Chief Adviser (Cost) in the Department of Expenditure, Ministry of Finance?

- a) Dr. Rajesh Patel
- b) Shri Pawan Kumar
- c) Shri Arvind Singh
- d) Ms. Deepa Verma
- e) None of these

Ans: b

Q.54) Who has assumed the role of Principal Secretary to the Chief Minister of Jharkhand?

- a) Alok Sharma
- b) Preeti Verma
- c) Rajesh Singhania
- d) Vinay Kumar Choubey
- e) None of these

Ans: d

Q.55) The stalwart of Hindi and Odia cinema, Shri Sadhu Meher, has passed away. He received the National Award for Best Actor for his outstanding performance in which film?

- a) Anupama
- b) Dastak
- c) Ankur
- d) Maidaan
- e) None of these

Ans: c

Q.56) The United States State Department has approved for the sale of 31 MQ-9B "SeaGuardian" drones to India. What is the equivalent amount for this transaction?

- a) \$4.5 billion
- b) \$4 billion
- c) \$5 billion
- d) \$5.5 billion
- e) None of these

Ans: b

Q.57) Prime Minister Narendra Modi announced that Lal Krishna Advani will be conferred with Bharat Ratna. When was he awarded Padma Vibhushan?

- a) 2012
- b) 2013
- c) 2014
- d) 2015
- e) None of these

Ans: d

Q.58) What is the main focus of Prime Minister Narendra Modi's address at the Pali Saansad Khel Mahakumbh?

- a) Praising the exceptional exposure for athletes
- b) Congratulating MP P.P. Choudhary for his efforts
- c) Emphasizing the role of sports in youth and national development
- d) Sharing updates on the Khelo India games
- e) None of these

Ans: c

Q.59) Which of the following is the theme of World Cancer Day 2024?

- a) "Close the Care Gap: Everyone Deserves Access To Cancer Care"
- b) "Together, we challenge those in power"
- c) "United against cancer"
- d) "Curability for all"
- e) None of these

Ans: a

Q.60) Which of the following regarding National Commission for Protection of Child Rights is correct?

- a) It was established in the year 2005.
- b) It is under the administrative control of Ministry of Social Justice and Empowerment.
- c) It is a statutory body under Commission for Protection of Child Rights Act, 2005.
- d) All the members of this commission shall be women.
- e) None of these

Ans: c

Q.61) Who has been appointed as the new Information and Broadcasting Secretary?

- a) Apurva Chandra
- b) Sanjay Jaju
- c) A Neerja
- d) Ashish Kumar Bhutani
- e) None of these

Ans: b

Q.62) Who has been appointed as the Secretary, Department of Health & Family Welfare?

- a) A Neerja b) Ashish Kumar Bhutani
- c) Apeksha Dwivedi d) Apurva Chandra
- e) None of these

Ans: d

Q.63) Justice Ritu Bahri has been appointed as the first woman Chief Justice of which High Court?

- a) Punjab and Haryana High Court
- b) Uttarakhand High Court
- c) Delhi High Court
- d) Madras High Court
- e) None of these

Ans: b

Q.64) Where is North India's first DNA bank being set up?

- a) Delhi University
- b) Jawaharlal Nehru University (JNU)
- c) Kashi Hindu University (BHU)
- d) Aligarh Muslim University (AMU)
- e) None of these

Ans: c

Q.65) Which state cabinet approved the Uniform Civil Code (UCC) report?

- a) Himachal Pradesh b) Goa
- c) Uttar Pradesh d) Uttarakhand
- e) None of these

Ans: d

Q.66) Consider the following statements:

1. The Uniform Civil Code can help promote gender equality as many of the personal laws are seen as biased towards men.

2. Goa has been following the Portuguese Civil Code 1867, which is also called Uniform Civil Code.

3. The Uniform Civil Code can simplify the legal system by replacing the existing complex structure of personal laws.

How many of the statements given above are correct?

- a) Only one b) Only two c) All three
- d) None e) None of these

Ans: c

Q.67) Which state government announced free access to the Pertuzumab-Trastuzumab drug combination for Her2 breast cancer patients?

- a) Maharashtra b) Goa
- c) Kerala d) Karnataka
- e) None of these

Ans: b

Q.68) With which university has the Odisha government signed an MoU for the establishment of the Biju Patnaik Special Centre for Odia Studies?

- a) Jadavpur University
- b) Banaras Hindu University (BHU)
- c) Jawaharlal Nehru University (JNU)
- d) Aligarh Muslim University (AMU)
- e) None of these

Ans: c

Q.69) Where was the Centre of Excellence (CoE) on E-waste Management inaugurated by Ministry of Electronics and Information Technology?

- a) C-MET, Pune b) C-MET, Thrissur
- c) C-MET, Bengaluru d) C-MET, Hyderabad
- e) None of these

Ans: d

Q.70) What is the main focus of the Digital India FutureLABS initiative?

- a) Developing software solutions for startups
- b) Promoting entrepreneurship in rural areas
- c) Catalyzing the next-generation Electronics System Design
- d) Implementing cybersecurity measures for government agencies
- e) None of these

Ans: c

Q.71) Who introduced the Public Examinations (Prevention of Unfair Means) Bill, 2024 in the Lok Sabha, to ensure transparency, fairness, and credibility in public examination systems?

- a) Dr. Jitendra Singh
- b) Dr. Ramesh Pokhriyal Nishank
- c) Shri D.V. Sadananda Gowda
- d) Shri Prahlad Joshi
- e) None of these

Ans: a

Q.72) Which Middle Eastern event served as the backdrop for the signing of the memorandum of understanding between South Korea and Saudi Arabia for defence cooperation?

- a) Riyadh Summit
- b) Middle East Defense Conference
- c) World Defense Show
- d) Gulf Security Summit
- e) None of these

Ans: c

Q.73) Who secured the second position globally in the Brand Guardianship Index 2024, surpassing figures like Satya Nadella and Sundar Pichai?

- a) Mukesh Ambani b) Rahul Bajaj
- c) Gautam Adani d) Lakshmi Sarabhai
- e) None of these

Ans: a

Q.74) Who has been appointed as the first woman chief secretary of Uttarakhand, replacing Sukhbir Singh Sandhu?

- a) Anil Raturi b) Radha Raturi
- c) Rajeev Sen Gupta d) Anil Ahlawat
- e) None of these

Ans: b

Q.75) Who was honored with the 'Outstanding Business Woman of the Year - 2023' Award at the prestigious conference by Indo-American Chamber of Commerce (IACC)?

- a) Dr. Lalit Bhasin b) Dr. Bina Modi
- c) Mr. KK Modi d) Dr. Lalit Mod
- e) None of these

Ans: b

Q.76) Which European country became the first to issue digital Schengen visas for the Paris Olympics in 2024?

- a) Germany b) France c) Italy
- d) Spain e) None of these

Ans: b

Q.77) Who was the previous record holder for the most time spent in space before Oleg Kononenko broke it?

- a) Yuri Gagarin b) Gennady Padalka
- c) Valentina Tereshkova d) Alexey Leonov
- e) None of these

Ans: b

Q.78) Which of the following singer was awarded the Record of the Year in Grammy Awards 2024?

- a) Billie Eilish - What Was I Made For?
- b) Miley Cyrus - Flowers
- c) Taylor Swift - Anti-Hero
- d) Victoria Monét - On My Mama
- e) None of these

Ans: b

Q.79) Which of the following album awarded the Album of the Year in Grammy Awards 2024?

- a) Boygenius - The Record
- b) Miley Cyrus - Endless Summer Vacation
- c) Taylor Swift - Midnights
- d) Janelle Monáe - The Age of Pleasure
- e) None of these

Ans: c

Q.80) What is the budget allocation for Uttar Pradesh for the financial year 2024-25?

- a) Rs 7,36,437 crore b) Rs 7,50,025 crore
- c) Rs 7,25,324 crore d) Rs 7,67,123 crore
- e) None of these

Ans: a

Q.81) What is the theme of International Day of Zero Tolerance for Female Genital Mutilation (FGM) 2024?

- a) Accelerating Investment to End FGM
- b) Partnership with Men and Boys to Transform Social and Gender Norms to End Female Genital Mutilation
- c) No Time for Global Inaction, Unite, Fund, and Act to End Female Genital Mutilation
- d) Her Voice. Her Future
- e) None of these

Ans: d

Q.82) Who is set to take over as the army's vice chief on February 15, 2024?

- a) Lieutenant General MV Suchindra Kumar

- b) Lieutenant General VK Singh
- c) Lieutenant General Upendra Dwivedi
- d) Lieutenant General A.N. Negi
- e) None of these

Ans: c

Q.83) Consider the following statements regarding ABHYAS –

1. Abhyas is a High-speed Expendable Aerial Target (HEAT) Unmanned Aerial Vehicle.
2. It is being developed at Aeronautical Development Establishment (ADE).
3. It has a range of 400 km and endurance of about 30 to 45 minutes.

Select the correct answer using the codes below.

- a) 1 only
- b) 2 only
- c) 1 and 2 only
- d) All of the above
- e) None of these

Ans: d

Q.84) The term “ULLAS”, recently seen in news, is related to

- a) National Population Policy
- b) New India Literacy Programme
- c) National Policy for Women
- d) National Happiness Index
- e) None of these

Ans: b

Q.85) Where was the newly uncovered underwater canyon, named Eratosthenes, located?

- a) Near the coast of Greece
- b) Near the coast of Cyprus
- c) Near the coast of Italy
- d) Near the coast of Turkey
- e) None of these

Ans: b

Q.86) Which bus stand in Odisha is set to be named after BR Ambedkar?

- a) Baramunda ISBT
- b) Cuttack ISBT
- c) Puri Bus Terminal
- d) Sambalpur Bus Depot
- e) None of these

Ans: a

Q.87) Who is the author of the books ‘Hindi Ka Gadya-Sahitya’ and ‘Yoga Ke Vividh Aayam’, recently released by Himachal Pradesh Governor?

- a) Dr. Shiv Pratap Shukla
- b) Dr. Ramchandra Tiwari
- c) Dr. Ram Prasad Mishra
- d) Dr. Vishal Upadhyay
- e) None of these

Ans: b

Q.88) Who recently received the Shankar Smriti Award in Kerala for their dedication to spirituality and service?

- a) Ayamkudi Mani
- b) Chinmaya Prasad Santokhi
- c) Ishwari Prasad Namboodiri
- d) Acharya Satyendra Das
- e) None of these

Ans: c

Q.89) ULLAS Mela was inaugurated at National Bal Bhavan, New Delhi. What is the full form of ULLAS?

- a) Understanding of Lifelong Learning for All in Society
- b) Unique Literacy Learning and Achievement Scheme
- c) Universal Literacy and Lifelong Learning Assistance System
- d) Unifying Learning and Literacy Advancement Strategy
- e) None of these

Ans: a

Q.90) Consider the following statements:

Statement No.1: REC Limited is a Navaratna Central Public Sector Enterprise under the Ministry of Power.

Statement No.2: It has been bestowed with the Best Green Bond - Corporate Award at The Asset Triple A Awards for Sustainable Finance 2024.

Which of the above statements is/are correct?

- a) Only Statement No.1
- b) Only Statement No.2
- c) All of the above
- d) None of the above

e) None of these

Ans: b

Q.91) Who awarded "Egis" in India with the Top Employer certification for the third consecutive year?

- a) Top Employers Institute
- b) Workforce Development Association
- c) Society for Human Resource Management
- d) Talent Management Group
- e) None of these

Ans: a

Q.92) Who has been appointed as the new Country Director for India by the Asian Development Bank (ADB)?

- a) Mio Oka b) Takeo Konishi
- c) Aoi Himari d) Naomi Kimiko
- e) None of these

Ans: a

Q.93) To which country did India send humanitarian aid amid a cholera outbreak?

- a) Zambia b) Zimbabwe c) Tanzania
- d) Uganda e) None of these

Ans: a

Q.94) Who secured the Greco-Roman title in the 87kg category at the National Wrestling Championships 2024?

- a) Suraj Vashist b) Sunil Kumar
- c) Ajeeth Kumar d) Naveen Ahalawaat
- e) None of these

Ans: b

Q.95) Who was honored with the 'Lifetime Achievement' award by Sports Journalists Federation of India (SJFI) and Delhi Sports Journalists Association (DSJA)?

- a) PT Usha b) M.S. Dhoni c) Dutee Chand
- d) Lakshya Sen e) None of these

Ans: a

Q.96) Who clinched the gold medal in the 55 kg category at the Senior National Wrestling Championships 2024 in Jaipur?

- a) Babita Kumari b) Vinesh Phogat
- c) Alka Tomar d) Alka Tomar

e) None of these

Ans: c

Q.97) On which government is the initiative to enhance the 'EV Upyog' portal with multiple features based?

- a) Rajasthan government
- b) Maharashtra government
- c) Uttar Pradesh government
- d) Kerala government
- e) None of these

Ans: c

Q.98) Who kicked off the 1st BIMSTEC Aquatics Championships 2024 in New Delhi?

- a) Prime Minister Narendra Modi
- b) Anurag Singh Thakur
- c) Sarbanand Sonowal
- d) Rajnath Singh
- e) None of these

Ans: b

Q.99) Which organization hosted the inaugural edition of 'The Great Indian Board Reboot: Roadshow 2024' in Mumbai?

- a) Indian Institute of Corporate Affairs (IICA)
- b) National Stock Exchange (NSE) India
- c) Bombay Stock Exchange (BSE)
- d) Securities and Exchange Board of India (SEBI)
- e) None of these

Ans: a

Q.100) What was the occasion for the inauguration ceremony attended by Prime Minister Narendra Modi in Goa on Feb 2024?

- a) Launch of a new oil drilling project
- b) Inauguration of an Integrated Sea Survival Training Centre
- c) Opening of a new airport terminal
- d) Announcement of a new tourism initiative
- e) None of these

Ans: b

Q.101) What is the theme of National Black HIV/AIDS Awareness Day (NBHAAD) 2024?

- a) Rise Up Against HIV/AIDS
- b) Breaking the Silence: Ending HIV Stigma

- c) Engage, Educate, Empower: Uniting to End HIV/AIDS in Black Communities
d) Bridging Communities: Fighting HIV Together for Better Future
e) None of these

Ans: c

Q.102) Which ministry has organized the Divya Kala Mela event in Agartala, Tripura?

- a) Ministry of Culture
b) Ministry of Social Justice & Empowerment
c) Ministry of Commerce and Industry
d) Ministry of Tribal Affairs
e) None of these

Ans: b

Q.103) Which state government has initiated a Drugs Free Campaign in February 2024?

- a) Himachal Pradesh b) Uttarakhand
c) Rajasthan d) Uttar Pradesh
e) None of these

Ans: b

Q.104) Ahmed Awad bin Mubarak has been appointed as the Prime Minister of which country?

- a) Zambia b) Sudan c) Zimbabwe
d) Yemen e) None of these

Ans: d

Q.105) Which state government recently appointed Rajendra Prasad Gupta as Advocate General?

- a) Rajasthan b) Madhya Pradesh c) Bihar
d) Gujarat e) None of these

Ans: a

Q.106) Where is 6th World Government Summit being held in February, 2024?

- a) Dubai, UAE b) Dortmund, Germany
c) Maryland, US d) Riyadh, Saudi Arabia
e) None of these

Ans: a

Q.107) Where is the Bapu Tower, dedicated to Mahatma Gandhi, located in Bihar?

- a) Gaya b) Muzaffarpur c) Patna
d) Darbhanga e) None of these

Ans: c

Q.108) Which country has declared a health emergency due to a surge in dengue fever cases in February, 2024?

- a) Peru b) Brazil c) Bolivia
d) Uruguay e) None of these

Ans: b

Q.109) Consider the following statements regarding TomTom Traffic Index 2023:

Statement no.1: London had the slowest traffic in 2023.

Statement no.2: Bengaluru and Pune were among the ten worst for traffic in 2023.

Which of the above statements are incorrect?

- a) Statement no.1 only b) Statement no.2 only
c) All of the above d) None of the above
e) None of these

Ans: d

Q.110) Which city in Uttar Pradesh received the Centre's Water Warrior Award for its efforts in waste water treatment and reuse?

- a) Lucknow b) Kanpur c) Noida
d) Ghaziabad e) None of these

Ans: c

Q.111) Who has been appointed as the Chief Executive Officer & Managing Director of Tata Digital?

- a) N Chandrasekaran b) Marc Llistosella
c) Manoj Raghavan d) Naveen Tahilyani
e) None of these

Ans: d

Q.112) Who has raised India's growth outlook for the fiscal year 2024-25 (FY25) to 6.2%, according to the latest report?

- a) International Monetary Fund (IMF)
b) World Bank
c) Organization for Economic Co-operation and Development (OECD)
d) Asian Development Bank (ADB)
e) None of these

Ans: c

Q.113) Who was appointed as the new Prime Minister of Kazakhstan as of Feb 2024?

- a) Nursultan Nazarbayev

- b) Olzhas Bektenov
- c) Qasym-Zhomart Toqayev
- d) Nurlan Balgimbayev
- e) None of these

Ans: b

Q.114) As per the "India Ageing Report 2023", Which of the following statement is correct?

1. The "India Ageing Report 2023" has been prepared by the United Nations Population Fund(UNFPA) and International Institute of Population Sciences(IIPS).
2. Mental health issues like Dementia and Alzheimer's disease are still considered a stigma in society.

- a) Only 1 b) Only 2 c) Both 1 and 2
- d) Neither 1 Nor 2 e) None of these

Ans: c

Q.115) Who is set to inaugurate the 4 day cultural extravaganza "Vividhta ka Amrit Mahotsav: A cultural odyssey unveiling the richness of Northeast India" on 8th February, 2024?

- a) PM Narendra Modi
- b) President Draupadi Murmu
- c) Shri Amit Shah
- d) Himanta Biswa Sarma
- e) None of these

Ans: b

Q.116) Who is appointed as the Deputy Secretary of State for the United States. as of Feb 2024?

- a) Kurt Campbell b) Douglas C. Aagard
- c) Sam Aanstad d) Peter Abbarno
- e) None of these

Ans: a

Q.117) Who inaugurate two day "Bhumi Samvaad VIII National Conference"?

- a) Shri Giriraj Singh b) Shri Bhupendra Patel
- c) Shri Rajnath Singh d) Shri Amit Shah
- e) None of these

Ans: a

Q.118) Where will the FIFA World Cup qualifiers between India and Kuwait be hosted?

- a) Telangana Football Association

- b) Odisha Football Association
- c) Andhra Pradesh Football Association
- d) Maharashtra Football Association
- e) None of these

Ans: a

Q.119) What is the theme for National Science Day (NSD) 2024 in India?

- a) "Science for a Sustainable Future"
- b) "Indigenous Technologies for Viksit Bharat"
- c) "Science and Technology for Development"
- d) "Scientific Innovations for a Better Tomorrow"
- e) None of these

Ans: b

Q.120) According to Fitch's predictions in Feb 2024, what is the estimated fiscal deficit for India in FY25?

- a) 5.1% b) 5.4% c) 5.8% d) 5.9% e) None of these

Ans: b

Q.121) In February 2024 which exoplanet has been discovered by NASA with potential habitable conditions?

- a) TOI-715 b b) Kepler-452b
- c) Proxima A12 d) TRAPPIST-1e
- e) None of these

Ans: a

Q.122) What is the name of the mobile health initiative launched in Gujarat and Maharashtra as part of the Digital Health India Programme?

- a) Kilkari program b) Kartavya program
- c) Kaushal Program d) Kavya program
- e) None of these

Ans: a

Q.123) Consider the following statements regarding Chief Minister Vayoshree Yojana:

Statement no.1: The scheme aims to benefit 15 lakh senior citizens above the age of 62 years who suffer from physical or mental disabilities.

Statement no. 2: The scheme will provide them a monthly stipend of three thousand rupees.

Statement no. 3: The scheme has been launched by the Maharashtra government.

Which of the following statements is/are correct?

- a) Only statement no. 1 is correct.

- b) Only statement no. 2 is correct.
- c) Only statement no. 2 and 3 are correct.
- d) Only statement no. 1 and 3 are correct.
- e) None of these

Ans: c

Q.124) To combat which emerging threat is New Delhi hosting the first ever EU-India roundtable in February, 2024?

- a) Cyber attacks
- b) Chemical warfare
- c) Unmanned Aerial Vehicles
- d) Maritime piracy
- e) None of these

Ans: c

Q.125) Where did the International Water Conclave 2024 conclude in February, 2024?

- a) New Delhi b) Kolkata c) Shillong
- d) Guwahati e) None of these

Ans: c

Q.126) Which country recently announced a visa-free policy for Indian citizens?

- a) Russia b) Iran
- c) Saudi Arabia d) United Arab Emirates
- e) None of these

Ans: b

Q.127) Which country recently launched the Jielong-3 rocket, paving the way for more commercial missions?



- a) North Korea b) Japan
- c) South Korea d) China e) None of these

Ans: d

Q.128) The establishment of India's digital National Museum of Epigraphy is aligned with which initiative of the Government of India?

- a) Digital India Campaign b) BharatSHRI
- c) PRAGATI d) SWAYAM
- e) None of these

Ans: b

Q.129) Which state's Chief Minister launched a help desk for youth living abroad in February, 2024?

- a) Maharashtra b) Tamil Nadu
- c) Karnataka d) Telangana
- e) None of these

Ans: d

Q.130) Which South American country's former president died in a helicopter crash, leaving behind a mixed legacy?

- a) Argentina b) Brazil c) Chile
- d) Peru e) None of these

Ans: c

Q.131) What was the primary focus of the discussions during the 17th Indian Navy (IN) – French Navy (FN) Staff Talks held in New Delhi?

- a) Operational matters b) Training exercises
- c) SME exchanges d) All of the above
- e) None of these

Ans: d

Q.132) Who emerged victorious in the 2024 Tata Steel Chess Masters after a thrilling tiebreak?

- a) Wei Yi b) Zhang Wei c) Wang Jing
- d) Chen Tao e) None of these

Ans: a

Q.133) Switzerland Tourism acknowledging _____ achievements by honoring him with a plaque at the famous Ice Palace at Jungfrauoch.

- a) Neeraj Chopra b) M S Dhoni
- c) Vinesh Phogat d) Sunil Chettri
- e) None of these

Ans: a

Q.134) Which country served as the host for the 7th Indian Ocean Conference?

- a) Australia b) Singapore c) Malaysia

d) Vietnam e) None of these

Ans: a

Q.135) What initiative has been launched by the Quality Council of India (QCI) and Open Network for Digital Commerce (ONDC) to empower Micro, Small, and Medium Enterprises (MSMEs) and small retailers in the digital realm?

- a) Digital Empowerment Scheme (DES)
- b) Small Retailer Digital Assessment (SRDA) program
- c) Micro-business Digital Integration (MDI) platform
- d) DigiReady Certification (DRC) portal
- e) None of these

Ans: d

Q.136) How much amount has been released to Khelo India Athletes for the financial year 2023-24 under the scholarship scheme?

- a) Over Rs 36.28 Crore
- b) Over Rs 30.83 Crore
- c) Over Rs 40.00 Crore
- d) Over Rs 25.00 Crore
- e) None of these

Ans: a

Q.137) What decision did the Reserve Bank of India's Monetary Policy Committee make regarding the repo rate during its recent meeting?

- a) Increased the repo rate by 6.5%
- b) Reduced the repo rate to 6.5%
- c) Maintained the repo rate at 6.5%
- d) Decreased the repo rate by 4.5%
- e) None of these

Ans: c

Q.138) Which former cricketer will lead the Telangana Tigers in the inaugural Indian Veteran Premier League (IVPL)?

- a) Suresh Raina
- b) Virender Sehwag
- c) Chris Gayle
- d) Herschelle Gibbs
- e) None of these

Ans: c

Q.139) Which photograph won the 2023 Wildlife Photographer of the Year People's Choice Award?

- a) A polar bear hunting for food in the Arctic
- b) A polar bear sleeping on a small iceberg
- c) A polar bear swimming in icy waters

d) A polar bear playing with its cubs on snow-covered land

e) None of these

Ans: b

Q.140) Delhi govt announces free bus rides on Feb 2024 for _____?

- a) All Girls and Women
- b) All above age of 60
- c) All Men and Women
- d) Transgenders
- e) None of these

Ans: d

Q.141) Which state is set to become the first in India with 21 airports?

- a) Maharashtra
- b) Karnataka
- c) Gujarat
- d) Uttar Pradesh
- e) None of these

Ans: d

Q.142) Who has been honoured with the Lakshminarayana International Award for his contribution to art?

- a) L Subramaniam
- b) Kavita Krishnamurti
- c) Pyarelal Sharma
- d) Laxmikant Pandit
- e) None of these

Ans: c

Q.143) Consider the following statements about Aadi Mahotsav:

Statement no.1: Ministry of Culture conducts the Aadi Mahotsav annually.

Statement no.2: It is a platform to exhibit the extraordinary talent and craftsmanship of tribal artisans

Which of the above statements is/are correct?

- a) Statement no.1 only
- b) Statement no.2 only
- c) All of the above
- d) None of the above
- e) None of these

Ans: b

Q.144) Which company has entered into an agreement with Chennai Super Kings (CSK) to become its official sponsor?

- a) Etihad Airways
- b) Emirates Airlines
- c) Qatar Airways
- d) Singapore Airlines
- e) None of these

Ans: a

Q.145) Which state government announced the opening of various administrative offices and infrastructure projects as part of the 'Sarkar Gaon Ke Dwar' program?

- a) Punjab
- b) Himachal Pradesh
- c) Uttarakhand
- d) Rajasthan
- e) None of these

Ans: b

Q.146) Which two countries were declared joint winners of the SAFF U-19 Women's Championship?

- a) India and Nepal
- b) India and Bhutan
- c) India and Sri Lanka
- d) India and Bangladesh
- e) None of these

Ans: d

Q.147) What is the name of the initiative launched by Tamil Nadu's MSME Minister T.M. Anbarasan to provide startups with subsidized products and services?

- a) Startup Support Scheme
- b) Smart Cards for Startups
- c) Smart Startup Initiative
- d) Startup Growth Program
- e) None of these

Ans: b

Q.148) Which two companies have joined hands to manufacture doors for the single-aisle A220 aircraft in India?

- a) Airbus and Tata Advanced Systems Ltd.
- b) Boeing and Gardner Aerospace
- c) Mahindra Aerospace and Aequs
- d) Airbus and Dynamatic Technologies
- e) None of these

Ans: d

Q.149) Which country's Prime Minister became the first Pacific leader to address Australia's Parliament?

- a) Fiji
- b) Papua New Guinea
- c) Vanuatu
- d) Solomon Islands
- e) None of these

Ans: b

Q.150) With which company has NCPCR jointly

launched a nationwide program to help students manage exam stress?

- a) Google
- b) Microsoft
- c) IBM
- d) Meta
- e) None of these

Ans: d

Q.151) India cricketer _____ won the 'Sportsman of the year (Team Sports)' at the Sportstar ACES Awards 2024 held at the Taj Mahal Palace in Mumbai.

- a) Md. Shami
- b) Md. Siraj
- c) Virat Kohli
- d) Rohit Sharma
- e) None of these

Ans: a

Q.152) Who has been appointed as the new Dean of the School of International Studies (SIS) at Jawaharlal Nehru University (JNU), as of February 9, 2024?

- a) Amitabh Mattoo
- b) Vageesh Kumar Shukla
- c) Anjaneya Awasthi
- d) Dr. Anand Pandit
- e) None of these

Ans: a

Q.153) What is the name of the new scheme approved by the Union Cabinet for micro and small enterprises in the fisheries sector?

- a) Pradhan Mantri Matsya Sampada Yojana
- b) Pradhan Mantri Matsya Kisan Samridhi Sah-Yojana
- c) Fisheries and Aquaculture Infrastructure Development Fund (FIDF)
- d) Pradhan Mantri Matsya Krishi SAMPADA Yojana
- e) None of these

Ans: b

Q.154) The Prime Minister, Shri Narendra Modi, addressed the program marking the 150th anniversary of Srila Prabhupada ji at Bharat Mandapam. Choose the correct statement about Srila Prabhupada ji?

1. He was the founder of the International Society for Krishna Consciousness (ISKCON).
 2. Swami Prabhupada was born as Abhay Charan De.
- a) Only 1
 - b) Only 2
 - c) Both 1 and 2
 - d) None of the Above
 - e) None of these

Ans: c

Q.155) Who inaugurated the World Sustainable Development Summit 2024 in New Delhi?

- a) Prime Minister Narendra Modi
- b) Vice-President Jagdeep Dhankhar
- c) Union Minister for Environment, Forests and Climate Change Bhupender Yadav
- d) Defence Minister Rajnath Singh
- e) None of these

Ans: b

Q.156) _____ won the Sportstar Aces Award for Sportstar of the Year (Male) at the Taj Mahal Hotel in Mumbai.

- a) Shubhman Gill
- b) Bajrang Punia
- c) Neeraj Chopra
- d) Chirag Shetty
- e) None of these

Ans: c

Q.157) The 2024 World Governments Summit is set to take place in Dubai from February 12-14. Which of the following statements is correct about WGS 2024?

- 1. China, Australia, and Qatar have been named guests of honor at the 2024 World Governments Summit in Dubai.
- 2. The summit is themed 'Shaping Future Governments.'

- a) Only 1
- b) Only 2
- c) Both 1 and 2
- d) Neither 1 nor 2
- e) None of these

Ans: b

Q.158) Prime Minister Narendra Modi announced that former prime minister Choudhary Charan Singh will be conferred with the Bharat Ratna. The birth anniversary of former Prime Minister Chaudhary Charan Singh is celebrated as?

- a) National Farmers Day
- b) Human Rights Day
- c) Vijay Diwas
- d) Good Governance Day
- e) None of these

Ans: a

Q.159) Recently the Indian Government announced to honour P. V. Narsimha Rao with Bharat Ratna. Which of the following statements is correct about "P.V Narsimha Rao"?

1) The "Manrega Act" was first proposed in 1990 by P.V. Narsimha Rao.

2) Former Prime Minister, Shri P V Narsimha Rao, and former Finance Minister, Dr Manmohan Singh introduced the LPG Reforms in India on July 24, 1991.

- a) Only 1
- b) Only 2
- c) Both 1 and 2
- d) Neither 1 nor 2
- e) None of these

Ans: b

Q.160) In Feb 2024 Prime Minister Narendra Modi announced that MS Swaminathan will be honoured with the Bharat Ratna. MS Swaminathan is a _____?

- a) An Agricultural Scientist
- b) A Journalist
- c) An Ecologist
- d) An Ornithologist
- e) None of these

Ans: a

Q.161) Which Union Territory has topped the list of States/UTs with the maximum number of e-Services according to the Annual NeSDA Way Forward Report 2023?

- a) Goa
- b) Puducherry
- c) Jammu and Kashmir
- d) Chandigarh
- e) None of these

Ans: c

Q.162) What is the theme of New Delhi World Book Fair 2024?

- a) Literary Exchange Across Borders.
- b) Books: Bridges of Cultures
- c) Literature: Shaping a Multipolar World Order
- d) Multi-Lingual India, A Living Tradition
- e) None of these

Ans: d

Q.163) Which country has been chosen as the guest of honour at the New Delhi World Book Fair 2024?

- a) United States
- b) France
- c) Saudi Arabia
- d) United Kingdom
- e) None of these

Ans: c

Q.164) What is the name of the satellite launched by NASA to survey oceans and atmosphere?

- a) PRIMUS
- b) PRIMAL
- c) PACE
- d) PASSEX
- e) None of these

Ans: c

Q.165) What is the name of the initiative launched by Bharat Petroleum Corporation Limited (BPCL) to revolutionize the LPG delivery experience?

- a) Pure for Sure
- b) Quality First
- c) Trustworthy Delivery
- d) Reliable Delivery
- e) None of these

Ans: a

Q.166) Which industrialist is behind the upcoming launch of the country's first state-of-the-art Small Animal Hospital in Mumbai?

- a) Ratan Tata
- b) Anand Mahindra
- c) Pawan Munjal
- d) Azim Premji
- e) None of these

Ans: a

Q.167) What was the headline inflation rate during April-December 2023, as mentioned in the RBI's monetary policy review, released in February, 2024?

- a) 4.5%
- b) 5.5%
- c) 6.7%
- d) 7.5%
- e) None of these

Ans: b

Q.168) Where did the joint naval drills involving warships from the United States, Australia, and Japan take place in February, 2024?

- a) East China Sea
- b) Kara Sea
- c) South China Sea
- d) Aral Sea
- e) None of these

Ans: c

Q.169) Which organization hosted the conference titled "Road to Paris 2024: Championing Clean Sports and Uniting for Anti-Doping"?

- a) World Anti-Doping Agency (WADA)
- b) International Olympic Committee (IOC)
- c) National Anti-Doping Agency (NADA)
- d) National Council for Combating Doping (NCCD)
- e) None of these

Ans: c

Q.170) Where did Shri Anurag Singh Thakur virtually inaugurate the Centre of Excellence for Nutritional Supplements Testing (CoE-NSTS)?

- a) National Forensic Sciences University (NFSU) in New Delhi

b) National Anti-Doping Agency (NADA) headquarter in Gandhinagar, Gujarat

c) India International Centre in New Delhi

d) National Forensic Sciences University (NFSU) in Gandhinagar, Gujarat

e) None of these

Ans: d

Q.171) The Government of India and the Asian Development Bank (ADB) signed a _____ loan agreement to strengthen flood and riverbank erosion risk management along the Brahmaputra river in Assam.

- a) \$200 million
- b) \$300 million
- c) \$400 million
- d) \$450 million
- e) None of these

Ans: a

Q.172) Balmer Lawrie & Co. Ltd. has signed an MoU with _____ Enterprise Incubation Centre recently for the incubation of start-ups.

- a) Indian Institute of Management Ahmedabad
- b) Indian Institute of Management, Calcutta
- c) Indian Institute of Management, Kozhikode
- d) Indian Institute of Management, Lucknow
- e) None of these

Ans: d

Q.173) What was the primary focus of the maiden Joint Cooperation Committee meeting between India and Rwanda held in Feb 2024?

- a) Economic Cooperation
- b) Cultural Exchange
- c) Defence Cooperation
- d) Environmental Sustainability
- e) None of these

Ans: c

Q.174) Who has been appointed as the non-executive chairman of the board by NPCI as of Feb 2024?

- a) Biswamohan Mahapatra
- b) Ajay Kumar Choudhary
- c) Sumit Asthana
- d) Vasudev Maharaj
- e) None of these

Ans: b

Q.175) Which Northeastern state becomes first to restore Old Pension Scheme in Feb 2024?

- a) Meghalaya b) Nagaland
- c) Arunachal Pradesh d) Sikkim
- e) None of these

Ans: d

Q.176) Who has been appointed as the Managing Director and Chief Executive Officer of LIC Mutual Fund Asset Management in Feb 2024?

- a) Ajeet Bishnoi b) Ravi Kumar Jha
- c) K. Kumar Sahu d) Anurag Kumar Singh
- e) None of these

Ans: b

Q.177) UPSC inaugurated its dedicated exam center in Kargil in February 2024. Which group of individuals influenced the establishment of the dedicated examination center in Kargil?

- a) Local Government Officials
- b) UPSC Administrators
- c) UPSC Aspirants in Kargil
- d) Central Government
- e) None of these

Ans: c

Q.178) Who was the Chief Guest at the 3rd Foundation Day program of CSIR-NIScPR held in February 2024?

- a) Prof. Sudhanshu Trivedi
- b) Prof. Aniruddha Acharya
- c) Prof. Yogesh Singh
- d) Prof. Dheeraj Chauhan
- e) None of these

Ans: c

Q.179) As of February 2024 who is the new brand ambassador leading the "Fit India" Movement?

- a) Vishal Kumar Saxena b) Anjani Mahto
- c) Abhay Srivastava d) Narendra Kumar Yadav
- e) None of these

Ans: d

Q.180) World Pulses Day is celebrated on 10 February every year. What is the theme for World Pulses Day

2024?

- a) World Pulses Day: Celebrating the Power of Legumes for Health and Sustainability
- b) Pulses: Nourishing Soils and People
- c) Embracing the Diversity and Nutritional Value of Pulses Across Cultures
- d) Empowering Farmers and Communities Through the Cultivation and Consumption of Pulses
- e) None of these

Ans: b

Q.181) Which country won the ICC U19 Men's Cricket World Cup 2024 Final against India?

- a) England b) Australia c) South Africa
- d) New Zealand e) None of these

Ans: b

Q.182) Which Public Sector Undertaking (PSU) clinched the top honor at the 9th Global Procurement Summit?

- a) NTPC (National Thermal Power Corporation)
- b) BHEL (Bharat Heavy Electricals Limited)
- c) ONGC (Oil and Natural Gas Corporation)
- d) SAIL (Steel Authority of India Limited)
- e) None of these

Ans: a

Q.183) Which company secured the top position for its climate actions and environmental performance in February, 2024?

- a) Tata Motors
- b) Reliance Industries
- c) Adani Ports and Special Economic Zone Ltd
- d) Vedanta Aluminium Limited
- e) None of these

Ans: c

Q.184) Which national waterway is involved in the trial movement of vessels between Maia Port in India and Sultanganj Port in Bangladesh?

- a) NW-1 b) NW-2 c) NW-3
- d) NW-4 e) None of these

Ans: b

Q.185) Consider the following statements about the "SWATI" portal:

Statement no. 1: SWATI Portal will serve in policy making to address the challenges of women's malnourishment.

Statement no. 2: The portal has been made and maintained by the National Institute of Plant Genome Research.

Which of the following statements is/are correct?

- a) Statement no. 1 only
- b) Statement no. 2 only
- c) All of the above
- d) None of the above
- e) None of these

Ans: b

Q.186) In which two countries was the launch of Unified Payment Interface (UPI) services take place in February, 2024?

- a) Sri Lanka and Maldives
- b) Mauritius and Maldives
- c) Sri Lanka and Singapore
- d) Sri Lanka and Mauritius
- e) None of these

Ans: d

Q.187) Where will the 'Dakshin Bharat Sanskritik Kendra' be inaugurated?

- a) Chennai b) Bangalore c) Hyderabad
- d) Thiruvananthapuram e) None of these

Ans: c

Q.188) Which state government recently approved the Healing (Prevention of Evil) Practices Bill, 2024, to ban 'magical healing'?

- a) Bihar b) Meghalaya c) Assam
- d) West Bengal e) None of these

Ans: c

Q.189) What is the name of the entrepreneurship program initiated by the Meghalaya government in February, 2024?

- a) CM-Innovate b) CM-Empower
- c) CM-Elevate d) CM-Enrich
- e) None of these

Ans: c

Q.190) Which IIT recently inaugurated the 'groundbreaking' SWASTHA project and ISO 5 and 6

clean room facilities?

- a) IIT Bombay b) IIT Guwahati c) IIT Delhi
- d) IIT Kharagpur e) None of these

Ans: b

Q.191) What is the cumulative reserve price for the spectrum auction approved by the Union Cabinet in 2024?

- a) ₹96,317.65 crore b) ₹98,317.65 crore
- c) ₹94,317.65 crore d) ₹92,317.65 crore
- e) None of these

Ans: a

Q.192) Who received the KPP Nambiar Award for 2024 from IEEE Kerala Section?

- a) S Somanath b) Athuladevi S
- c) Jawahara Fathima d) Suresh Nair
- e) None of these

Ans: a

Q.193) What is the name of the new surgery introduced by AIIMS Delhi for skin cancer treatment?

- a) Mohs micrographic surgery b) Laser surgery
- c) Radiotherapy d) Chemotherapy
- e) None of these

Ans: a

Q.194) Which award did "Because She Can" secure at the 2024 Anthem Awards?

- a) Gold in Podcast Excellence
- b) Silver in Women Empowerment
- c) Gold in Community Outreach
- d) Silver in Social Impact Leadership
- e) None of these

Ans: c

Q.195) Which ethnic group will be granted Scheduled Tribe status under the Constitution (Jammu and Kashmir) Scheduled Tribes Order (Amendment) Bill, 2024?

- a) Gujjars b) Bakarwals
- c) Pahari d) None of the above
- e) None of these

Ans: c

Q.196) How many Sena Medals (Gallantry) were presented at the Eastern Command Investiture Ceremony 2024?

- a) 20 b) 24 c) 26 d) 27 e) None of these

Ans: a

Q.197) The 51st Annual National Conference of the Indian Association of Preventive and Social Medicine (IAPSMCON 2024) was inaugurated at Kasturba Medical College, Mangalore. What is the theme of the conference?

- a) "Harmony with Nature: Conservation, Restoration, Stewardship"
b) "Inclusive Growth for All: Diversity, Equality, Opportunity"
c) "Empowerment Through Education: Knowledge, Equity, Action"
d) 'Transformations for achieving Sustainable Development Goals: Innovate, Integrate, Implement,'
e) None of these

Ans: d

Q.198) Minister of State for Culture, Meenakshi Lekhi, unveiled a commemorative coin of Rs 200 and a currency coin of Rs 10 on Sunday to mark the bicentennial birth anniversary of Sri Satguru Ram Singh. Consider the following statements about Sri Satguru Ram Singh.

1. In 1857, he advocated for equal educational opportunities for girls and implemented a minimum marriageable age of 15 for girls and 18 for boys.
2. Sri Satguru Ram Singh advocated for swadeshi, which means "of one's own country," to promote self-reliance and indigenous products. Which of the following statements is correct?

- a) Only 1 b) Only 2 c) Both 1 and 2
d) Neither 1 nor 2 e) None of these

Ans: b

Q.199) Who won the gold medal in the men's 51kg category at the 75th Strandja Memorial Tournament 2024?

- a) Sanzhar Tashkenbay b) Amit Panghal

- c) Shakhzod Muzafarov d) Nikhat Zareen
e) None of these

Ans: b

Q.200) Who is the first Indian man since Prajnesh Gunneswaran in 2019 to make it to the top 100 ATP World Ranking?

- a) Leander Paes b) Mahesh Bhupathi
c) Sumit Nagal d) None of the Above
e) None of these

Ans: c

Q.201) At which Indian naval command were the Precision Approach Radar and Integrated Underwater Harbour Defence and Surveillance System inaugurated in February, 2024?

- a) Eastern Naval Command (ENC)
b) Western Naval Command (WNC)
c) Southern Naval Command (SNC)
d) Andaman and Nicobar Command (ANC)
e) None of these

Ans: d

Q.202) Who won Finland's presidential election in February, 2024?

- a) Pekka Haavisto b) Sauli Niinisto
c) Jurgen Axelfot d) Alexander Stubb
e) None of these

Ans: d

Q.203) Which state government announced a financial assistance package for kendu leaf pluckers and binders?

- a) Odisha b) Chattisgarh c) West Bengal
d) Jharkhand e) None of these

Ans: a

Q.204) Which state government has launched the 'Ten Cities Development Concept' (Doh Shaher-Ek Rupayan)?

- a) Uttar Pradesh b) Uttarakhand
c) Assam d) Bihar e) None of these

Ans: c

Q.205) What is the name of the initiative launched by Union Minister Dharmendra Pradhan at IIT-Bhubaneswar in February, 2024?

- a) Start-Up Vision
- b) Start-Up Odyssey
- c) 100-Cube Start-Up
- d) Entrepreneurship Revolution
- e) None of these

Ans: c

Q.206) Consider the following statements regarding Dayananda Saraswati.

- 1. He authored Aitareya Brahmana to spread Vedic education among the masses.
- 2. He established Arya Samaj in Kolkata.

Which among the above statements is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2
- e) None of these

Q.207) What is the new name of Paytm E-commerce after its rebranding?

- a) Paytm Omnichannel Solutions
- b) Pai Platforms
- c) PayTm Bitsila
- d) PayRupai
- e) None of these

Ans: b

Q.208) With which IIT has IREDA signed a Memorandum of Understanding (MoU) for Clean Energy Innovation?

- a) IIT Bombay
- b) IIT Bhubaneswar
- c) IIT Delhi
- d) IIT Madras
- e) None of these

Ans: b

Q.209) With which organisation has the Ministry of Education tied up to promote sporting culture through football?

- a) International Olympic Committee (IOC)
- b) Fédération Internationale de Football Association (FIFA)
- c) All India Football Federation (AIFF)
- d) None of the above
- e) None of these

Ans: b

Q.210) Who became Tamil Nadu's first transgender train ticket examiner (TTE)?

- a) Sindhu Ganapathy
- b) Aruna Dhathathreyan
- c) Sellappan Nirmala
- d) Priya Davidar
- e) None of these

Ans: a

Q.211) Who will present an award at the upcoming BAFTA Film Awards 2024?

- a) Deepika Padukone
- b) Shah Rukh Khan
- c) Priyanka Chopra
- d) Ranbeer Kapoor
- e) None of these

Ans: a

Q.212) What initiative was launched by Union Health Minister Dr Mansukh Mandaviya at AIIMS, New Delhi in Feb 2024?

- a) AIIMS-SBI Smart Health Card
- b) AIIMS-SBI Smart Payment Card
- c) AIIMS-SBI Digital Health Wallet
- d) AIIMS-SBI Cashless Transaction Card
- e) None of these

Ans: b

Q.213) What is the interest rate declared by EPFO for FY 2023-24?

- a) 8.10%
- b) 8.15%
- c) 8.20%
- d) 8.25%
- e) None of these

Ans: d

Q.214) Which institution did AIIMS New Delhi sign a collaboration agreement with for cancer research?

- a) University of Manchester
- b) University of Cambridge
- c) University of Oxford
- d) University of Liverpool
- e) None of these

Ans: d

Q.215) What is the name of the event gathering enthusiastic response in Abu Dhabi during Prime Minister Narendra Modi's visit to the UAE in Feb 2024?

- a) Ahlan Modi
- b) Namaste UAE
- c) Pranaam
- d) Namaste Modi
- e) None of these

Ans: a

Q.216) Defence Minister Rajnath Singh unveiled a life-size statue of India's first chief of defence staff late General Bipin Rawat in _____.

- a) New Delhi
- b) Dehradun
- c) Coonoor
- d) Pulwama
- e) None of these

Ans: b

Q.217) Who inaugurated the Naranarayan Shastri Institute of Technology (NSIT) in Jetalpur, Ahmedabad, Gujarat?

- a) Narendra Modi b) Amit Shah
- c) Bhajan Lal Sharma d) S. Jaishankar
- e) None of these

Ans: b

Q.218) Which country has inked agreements at the World Government Summit 2024 to launch the world's first air taxi service?

- a) United Arab Emirates
- b) United States of America
- c) France d) India e) None of these

Ans: a

Q.219) Which governmental organization initiates the GROW program aimed at revitalizing India's barren lands through agroforestry practices?

- a) NITI Aayog
- b) Department of Forest
- c) Ministry of Agriculture
- d) Water Resource Department
- e) None of these

Ans: a

Q.220) Which forest in Odisha has been declared as the fourth Biodiversity Heritage Site (BHS) in the state in Feb 2024?

- a) Gupteswar forest
- b) Purvatali Rai
- c) Ganeshkhind Garden
- d) Baneswar Shiva Dighi
- e) None of these

Ans: a

Q.221) How many units of free electricity per month are provided under the PM Surya Ghar: Free Electricity Scheme?

- a) 200 units b) 300 units c) 400 units
- d) 600 units e) None of these

Ans: b

Q.222) Which country instituted the 9th GovTech Prize for AI-Powered Government Services?

- a) Saudi Arabia b) United States of America

- c) United Arab Emirates d) United Kingdom
- e) None of these

Ans: c

Q.223) What is the name of the scheme introduced by the Odisha government to provide interest-free loans to youth?

- a) Swayam b) Saubhagya c) Swapna
- d) Srestha e) None of these

Ans: a

Q.224) Which government unanimously passed a bill banning hookah parlours?

- a) Andhra Pradesh b) Kerala
- c) Karnataka d) Telangana
- e) None of these

Ans: d

Q.225) Which country has declared a "national emergency" due to an oil spill in February 2024?

- a) Trinidad and Tobago b) Tuvalu
- c) Vanuatu d) Nauru e) None of these

Ans: a

Q.226) Consider the following statements about the "APPAR" initiative:

Statement no. 1: The full form of the "APAAR" is the Automated Permanent Academic Account Registry
Statement no. 2: It has digital storage where students can store their academic credits and personal information.

Statement no.3: It is an initiative of the Ministry of Education

Which of the following statements is/are correct?

- a) Statement no. 1 only
- b) Statement no. 2 only
- c) Statement no. 2 & 3 only
- d) All of the above
- e) None of these

Ans: d

Q.227) Consider the following statements about the Surya Kiran Aerobatic Team:

Statement no. 1: It is an air-squadron prepared to participate in the air-force exercise "Surya Kiran" conducted between the Indian Air Force and the Nepalese Air Force.

Statement no. 2: It is being conducted in Bagdogra, West Bengal, in February 2024.

Which of the following statements is/are correct?

- a) Statement no. 1 only
- b) Statement no. 2 only
- c) All of the above
- d) None of the above
- e) None of these

Ans: b

Q.228) Who is India's oldest Test cricketer who passed away in February 2024?

- a) Aunshuman Gaekwad
- b) Sushil Gaekwad
- c) Vijayprakash Gaekwad
- d) Dattajirao Gaekwad
- e) None of these

Ans: d

Q.229) In which field was Usha Kiran Khan associated with, who passed away recently?

- a) Science
- b) Literature
- c) Politics
- d) Pottery
- e) None of these

Ans: b

Q.230) World Unani Day marks the birth anniversary of which personality?

- a) Maulana Abul Kalam
- b) Mukhtar Ahmed Ansari
- c) Hakim Ajmal Khan
- d) Mohammad Ali Jauhar
- e) None of these

Ans: c

Q.231) Who are the two aviation leaders who are leading the charge for net-zero emissions in the aviation industry by 2050 at the World Government Summit in Dubai?

- a) Juan Carlos Salazar and Guillaume Faury
- b) Jeff Bezos and Richard Branson
- c) Bill Gates and Warren Buffett
- d) Elon Musk and Tim Cook
- e) None of these

Ans: a

Q.232) Russian interior ministry's database of wanted people showed Kaja Kallas, Prime Minister of _____, as 'wanted under the Criminal Code' without naming the charges.

- a) Lithuania
- b) Croatia
- c) Estonia

- d) Slovenia
- e) None of these

Ans: c

Q.233) Which airport is set to house the world's first green hydrogen plant, as per the recent announcement by Cochin International Airport Ltd (CIAL)?

- a) Mumbai Airport
- b) Delhi Airport
- c) Cochin Airport
- d) Bengaluru Airport
- e) None of these

Ans: c

Q.234) What is the installed and commercial capacity of the NTPC Group after the commissioning of the Ayodhya solar project in Feb 2024?

- a) 72,888 MW
- b) 73,888 MW
- c) 74,888 MW
- d) 75,888 MW

- e) None of these

Ans: b

Q.235) Who has been elected as the President of the Institute of Chartered Accountants of India (ICAI) for the term 2024-25?

- a) CA. Ranjeet Kumar Agarwal
- b) CA. Charanjot Singh Nanda
- c) CA. Vinay Singh Ahluwalia
- d) CA. Amar Mahajan Kapoor
- e) None of these

Ans: a

Q.236) Who won the ICC Player of the Month award for January 2024 in the women's category?

- a) Alyssa Healy
- b) Beth Mooney
- c) Amy Hunter
- d) Arlene Kelly
- e) None of these

Ans: c

Q.237) Which of the following National Film Awards has been renamed in Feb 2024?

- a) Indira Gandhi Award for Best Debut Film of a Director
- b) Nargis Dutt Award for Best Feature Film on National Integration
- c) Dadasaheb Phalke Award
- d) Both A and B
- e) None of these

Ans: d

Q.238) How many agreements did India and the UAE sign during Prime Minister Narendra Modi's visit in Feb 2024?

- a) 5 b) 8 c) 10 d) 12 e) None of these

Ans: c

Q.239) Which Indian company is the first to cross the Rs 20 lakh crore market capitalization mark in Feb 2024?

- a) Avenue Supermarts
b) Tata Consultancy Services (TCS)
c) Jio Financial Services Ltd (JFS)
d) Reliance Industries Ltd (RIL)
e) None of these

Ans: d

Q.240) Who is the 23-year-old tribal woman who became a civil judge in Tamil Nadu in Feb 2024?

- a) Sripathi b) Mahalakshmi
c) Aadarshini d) Aadhya
e) None of these

Ans: a

Q.241) Who has been appointed as the Chairman and Managing Director (CMD) of IRCTC?

- a) Sanjay Jaju b) Shivangi Bora
c) Sanjay Kumar Jain d) Abhinav Singh
e) None of these

Ans: c

Q.242) Consider the following statements about the "INSAT-3DS" satellite:

1. It is a communication satellite designed to bolster 6G services in the north-eastern states of India.
2. The satellite will be launched aboard a Geosynchronous Satellite Launch Vehicle F14, from Shriharikota.

Which of the above statements is/are incorrect?

- a) Only 1 b) Only 2 c) Both 1 & 2
d) None of the above e) None of these

Ans: a

Q.243) The Ministry of Defense surpassed the Rs 1 lakh crore mark in total order value through the Government e-Marketplace (GeM) portal. The Government-e-Marketplace (GeM) was launched in _____.

- a) 2022 b) 2015 c) 2016
d) 2019 e) None of these

Ans: c

Q.244) On which script does the "PURAN" system aim to enhance typing experience?

- a) Gurmukhi b) Devanagari c) Brahmi
d) Grantha e) None of these

Ans: a

Q.245) Who has been awarded the Vishisht Seva Medal for developing the 'Multipurpose Octocopter'?

- a) Arun Auditto b) Varinder Singh
c) Atul Anand d) Devraj Anbu
e) None of these

Ans: b

Q.246) In which state is India's first Helicopter Emergency Medical Service (HEMS) set to commence?

- a) Himachal Pradesh b) Uttarakhand
c) Jammu and Kashmir d) Sikkim
e) None of these

Ans: b

Q.247) Where was the Bundelkhand Pride Mahotsav held in February 2024?

- a) Chitrakoot b) 2 Jhansi c) Gwalior
d) Kanpur e) None of these

Ans: a

Q.248) Which state police force became the first in India to use drones for tear gas deployment?

- a) Punjab b) Uttar Pradesh c) Haryana
d) Rajasthan e) None of these

Ans: c

Q.249) Where will BHEL set up Haryana's first 800 MW ultra-supercritical thermal power plant?

- a) Karnal b) Faridabad c) Yamunanagar
d) Ambala e) None of these

Ans: c

Q.250) Which country will co-host the ICC Men's T20 World Cup 2024?

- a) Australia b) The United Kingdom
c) The United States of America (USA)

d) Sri Lanka e) None of these

Ans: c

Q.251) To which city did Union Minister for Youth Affairs and Sports Anurag Singh Thakur hand over the Chess Olympiad Torch for the 45th edition of the Chess Olympiad?

- a) Hungary b) France c) Greece
d) Ukraine e) None of these

Ans: a

Q.252) Who has been appointed as the new Managing Director and CEO of SBI Capital Markets as of Feb 2024?

- a) Virendra Bansal b) Acharya Aniruddha
c) Kumar Anish d) J. J. Kaushik
e) None of these

Ans: a

Q.253) Who will inaugurate the first-ever Digital India futureSKILLS summit in Guwahati in Feb 2024?

- a) Prime Minister Narendra Modi
b) Chief Minister of Assam, Himanta Biswa Sarma
c) Union Minister for Electronics & IT, Rajeev Chandrasekhar
d) Home Minister Amit Shah
e) None of these

Ans: c

Q.254) Which country has recently become the world's third-largest economy, following an unexpected recession in Japan in Feb 2024?

- a) France b) Germany c) United Kingdom
d) Brazil e) None of these

Ans: b

Q.255) According to preliminary exploration, what is the estimated quantity of iron ore deposits found near Hindon in Karauli, Rajasthan in Feb 2024?

- a) 650 tonnes b) 740 tonnes c) 805 tonnes
d) 840 tonnes e) None of these

Ans: d

Q.256) The Ministry of Coal has achieved a remarkable milestone in Government e-Marketplace (GeM) procurement, surpassing its target for the fiscal year 2023-24. As on February 14,

2024, the procurement through GeM has soared to an impressive Rs. _____.

- a) Rs. 61,890 Crore b) Rs. 62,890 Crore
c) Rs. 63,890 Crore d) Rs. 64,890 Crore
e) None of these

Ans: c

Q.257) India has signed a Memorandum of Understanding (MoU) in February 2024, during PM Modi's visit, to interlink its Unified Payments Interface (UPI) with UAE's instant payment platform, _____.

- a) AANI b) Worldpay c) Opayo
d) GoCardless e) None of these

Ans: a

Q.258) What is the value of the contract signed between the Ministry of Defence (MoD) and Advanced Weapon Equipment India Ltd. (AWEIL) for the supply of Stabilised Remote Control Guns (SRCGs) to the Indian Navy and Coast Guard?

- a) Rs. 1,752 crores b) Rs. 1,960 crores
c) Rs. 1,421 crores d) Rs. 1,961 crores
e) None of these

Ans: a

Q.259) Which Indian state has declared the 'Kaji Nemu' lemon as its state fruit in Feb 2024?

- a) Assam b) Meghalaya c) Manipur
d) Mizoram e) None of these

Ans: a

Q.260) Who chaired the 62nd Session of the Commission for Social Development, held from February 5-14, 2024?

- a) Randhir Jaiswal
b) Ruchira Kamboj
c) Dr. Subrahmanyam Jaishankar
d) Arindam Bagchi
e) None of these

Ans: b

Q.261) With which Indian Institute of Technology did the Armed Forces Medical Services sign a Memorandum of Understanding for collaborative biomedical research?

- a) IIT Bombay b) IIT Delhi c) IIT Kharagpur
d) IIT Roorkee e) None of these

Ans: d

Q.262) Recently, it was announced that PM Modi would lay the foundation stone for 300 MW Barsingsar Solar Plant. In which state will it be constructed?

- a) Gujarat b) Rajasthan c) Maharashtra
d) Karnataka e) None of these

Ans: b

Q.263) Arvind Krishna has joined the Board of Directors of US India Strategic and Partnership Forum. He holds the position of CEO at which company?

- a) Adobe b) Northrop Grumman
c) IBM d) New York Federal Reserve Bank
e) None of these

Ans: c

Q.264) Consider the following points about 'Van Mitra' scheme:

1. It is aimed at encouraging community participation in tree planting activities in forest areas.
2. The members of families with an annual income of less than Rs 1.80 lakh can register to become 'Van Mitras.'
3. Any individual aged between 18 and 60 can become a Van Mitra.

Which of the above statements is/are incorrect?

- a) Statement no. 1 only
b) Statement no. 2 & 3 only
c) Statement no. 3 only
d) All of the above
e) None of these

Ans: a

Q.265) Who has been appointed as the Managing Director of Boeing Defence India?

- a) Rajeev Ranjan b) Nikhil Joshi
c) Kamal Kishore Pant d) Rajneesh Singh
e) None of these

Ans: b

Q.266) Which country is launching the "Dream of the Desert" luxury train in the Middle East?



- a) Saudi Arabia b) Qatar c) Iran
d) Oman e) None of these

Ans: a

Q.267) Which organization has conducted the BSE EXPO-2024?

- a) Securities and Exchange Board of India
b) Ministry of Information and Broadcasting
c) Broadcast Engineering Society
d) Ministry of Finance
e) None of these

Ans: c

Q.268) In which state are integrated townships and railway coach projects set for launch under GBC@IV?

- a) Gujarat b) Maharashtra c) Odisha
d) Uttar Pradesh e) None of these

Ans: d

Q.269) What is the name of the special train flagged off from Tripura to Ayodhya?

- a) Aastha b) Asha c) Agniban
d) Ayodhya Safar e) None of these

Ans: a

Q.270) Which of the following statements about Lachit Borphukan is/are correct?

1. He was a General of the Ahom Force.
2. He is known for his leadership in the Battle of Saraighat.
3. Lachit Borphukan Gold Medal is given to the best cadet at the National Defence Academy.

Select the correct answer using the code given below:

- a) 1, 2 and 3 b) 2 and 3 only c) 1 only
d) 2 only e) None of these

Ans: a

NIACL ASSISTANT QUESTION PAPER - ENGLISH

D.1-5) In the following sentence, a part of the sentence is underlined. Below are given alternatives to the underlined part, which may improve the sentence. Choose the correct alternative. In case no improvement is needed, choose the option 'No improvement.'

Q.1) The office messenger will drop in the papers within the hour.

A. Drop of

B. Drop off

C. Drop out

a) Only A

b) Only B

c) Both A and B

d) Both A and C

e) No improvement

Ans: b

Exp:

The sentence uses the form drop in, which is incorrect and needs improvement.

Using the preposition 'in' is incorrect here, hence it has to be corrected.

The correct phrasal verb to be used here is drop off. To drop off is a phrase which means to deliver something. e.g.

Will you drop off the packages at my home instead of my office? The only alternative that improves the sentence is B.

None of the other alternatives can make the sentence meaningful.

Q.2) She asked me to drop out if I had the time to discuss the issues at hand.

A. Drop off

B. Drop in

C. Dropping in

a) Only B

b) Only C

c) Both B and C

d) Both A and C

e) No improvement

Ans: a

Exp:

The sentence uses the form drop out, which is

incorrect and needs improvement.

Using the preposition 'out' is incorrect here, hence it has to be corrected.

The correct phrasal verb to be used here is drop in.

To drop-in is a phrase which means to visit someone.

e.g.

Keith dropped in to meet his cousins every Sunday.

The only alternative that improves the sentence is

B. None of the other alternatives can make the sentence meaningful.

Q.3) Madam Judi Dench always dresses in elegantly.

A. Dresses down

B. Dresses about

C. Dresses up

a) Only A

b) Only C

c) Both A and C

d) Both B and C

e) No improvement

Ans: b

Exp:

The sentence uses the form dresses in, which is incorrect and needs improvement.

Using the preposition 'in' is incorrect here, hence it has to be corrected.

The correct phrasal verb to be used here is dresses up.

To dress up is a phrase which means to wear beautiful clothes. e.g.

She loves to dress up irrespective of the occasion.

The only alternative that improves the sentence is

C. None of the other alternatives can make the sentence meaningful.

Q.4) After many lost years, wasted by caring too much for those who never did, I ended for finding myself in a poetry club.

A. Ended up

B. Ended it

C. Ended or

a) Only A

b) Only B

c) Only C

- d) Both A and B
e) No improvement

Ans: a

Exp:

The sentence uses the form ended for, which is incorrect and needs improvement.

Using the conjunction 'for' is incorrect here, hence it has to be corrected.

The correct phrasal verb to be used here is ended up.

To end up is a phrase which means to finally reach a state. e.g.

Romil did not want to end up street dancing like his brother, so he trained professionally.

The only alternative that improves the sentence is A.

None of the other alternatives can make the sentence meaningful.

Q.5) Hemlata will **find along** the truth about her in-laws, in due time.

- A. Find it
B. Find but
C. Find out
a) Both A and C b) Both B and C
c) Only A d) Only C
e) No improvement

Ans: d

Exp:

The sentence uses the form find along, which is incorrect and needs improvement.

Using the adverb 'along' is incorrect here, hence it has to be corrected.

The correct phrasal verb to be used here is find out.

To find out is a phrase which means to discover. e.g. "Let's find out the truth," said the detective. The only alternative that improves the sentence is C.

None of the other alternatives can make the sentence meaningful

D.6-10) Three sentences are given below, with each highlighting a word. Choose the alternative that

reflects a grammatically and contextually correct usage.

Q.6)

A. The BJP **relegated** the recently-held assembly elections in the three Hindi heartland states.

B. Modi's charisma is **waning** because the BJP failed to pull off the victory in three states.

C. Its performance was near **dismal** in the other two states of Telangana and Mizoram.

- a) Both A and B b) Both B and C
c) Both A and C d) Only A
e) All A, B and C

Ans: b

Exp:

Let's look at the meaning of the given words.

Relegated (v) – downgrade For example, Team United were relegated to division two after the bad performance.

Waning (v) - decrease For example, The moon is waning and it is time for us to go.

Dismal (adj) – poor For example, He shuddered as he watched his team's dismal performance.

From this, it is clear that both B and C use the words in a contextually and grammatically correct manner.

None of the other sentences is meaningful.

Q.7)

A. The results themselves were significant- especially because the Congress **berated** to come to power.

B. But they are also being viewed through the prism of general elections, which are **pliable** in 2019.

C. The BJP's North Indian **hegemony** is not as secure as many expected.

- a) All A, B and C b) Both A and B
c) Only A d) Only C
e) Only B

Ans: d

Exp:

Let's look at the meaning of the given words.

Berated (v) - scolded For example, She berated

herself for being fickle in front of her kids.

Pliable (adj) - flexible For example, This is quality leather which is pliable and will not crack.

Hegemony (n) – leadership or dominance, especially by one state or social group over others. For example, Germany was united under Prussian hegemony after 1871. From this, it is clear that only C uses the word in a contextually and grammatically correct manner. None of the other sentences are meaningful.

Q.8)

A. Perhaps the BJP's biggest mistake was its failure to promise loan **waivers** for farmers.

B. The Congress was more **astute**.

C. These populist announcements played a very **docile** role in the Congress's victory

a) All A, B and C

b) Only C

c) Both A and C

d) Both B and C

e) Both A and B

Ans: e

Exp:

Let's look at the meaning of the given words

Waivers (n) – an act of refraining from For example, Their acquiescence could amount to a waiver in this transaction.

Astute (adj) - wise For example, My father was an astute businessman till his last days.

Docile (adj) – easily taught For example, A cheap and docile workforce is not great for a company.

From this, it is clear that both A and B use the words in a contextually and grammatically correct manner. None of the other sentences is meaningful.

Q.9)

A. The RSS is pressuring the Modi govt to bring an **ordinance** to enable the construction of the temple.

B. The Lok Sabha election should be won on the **dearth** of good governance.

C. The **cadence** of three crucial states is bound to put the prime minister under pressure.

a) Only B

b) Only A

c) Only C

d) Both B and C

e) All A, B and C

Ans: b

Exp:

Let's look at the meaning of the given words:

Ordinance (n) - order For example, I am not in favour of religious ordinances.

Dearth (n) - lack For example, There is a dearth of evidence in this case.

Cadence (n) – rhythm For example, The final cadences of the prelude were exceptionally played.

From this, it is clear that only A uses the word in a contextually and grammatically correct manner.

None of the other sentences is meaningful

Q.10)

A. Modi should **relent** for he will face the accusation of reaping a religious issue for electoral dividend.

B. His party faces the charge of **amicable** commitment to the Ayodhya-case.

C. For a party looking to romp, there is enough homework at hand and no room for **complacency** now.

a) All A, B and C

b) Only B

c) Both A and B

d) Both B and C

e) Both A and C

Ans: e

Exp:

Let's look at the meaning of the given words:

Relent (v) – mitigate a harsh attitude For example, She was going to refuse his request, but relented.

Amicable (adj) - friendly For example, The lawyers are looking for an amicable settlement of the dispute.

Complacency (n) – self-admiration For example, The figures are better, but there are no grounds for complacency.

From this, it is clear that both A and C use the words in a contextually and grammatically correct manner.

Option B uses the word wrongly as no one can face a charge of 'amicable commitment'.

D.11-15) Fill in the blank with the correct word.

Q.11) The bulletproof vest _____ the young police officer's life by stopping the bullet from passing through the vest.

- a) Saved b) Dignified c) Protect
d) Stopped e) Deleted

Ans: a

Exp:

The sentence suggests that the bulletproof vest has somehow protected the life of the police officer.

Saved: keep safe or rescue (someone or something) from harm or danger.

For example, They brought him in to help save the club from bankruptcy.

Dignified: having or showing a composed or serious manner that is worthy of respect.

For example, She maintained a dignified silence in front of the police.

Protect: keep safe from harm or injury. For example, He tried to protect Kelly from the attack.

Stopped: (of an event, action, or process) come to an end; cease to happen.

For example, His laughter stopped as quickly as it had begun.

Deleted: remove or obliterate (written or printed matter), especially by drawing a line through it. For example, The passage was deleted before the book was sent for printing.

Q.12) His _____ behavior at the party ensured that he would not be invited again

- a) Normative b) Filthy c) Bellicose
d) Amusing e) Estimated

Ans: c

Exp:

The word here should convey a negative meaning as the person would not be invited again.

Normative => establishing, relating to, or deriving from a standard or norm, especially of behaviour

For example, The organisation has been allowing negative sanctions to enforce normative behaviour.

Filthy => dirty For example, A filthy hospital with no sanitation, this place needs to be closed down!

Bellicose => demonstrating aggression and willingness to fight For example, The nation is in a mood of bellicose jingoism.

Amusing => entertaining For example, Soumabrata is such a likeable, amusing man!

Estimated => collected For example, The company has an estimated cost of £1,000 million

Q.13) He was so _____ that he refused to leave his room and meet the people.

- a) Prurient b) Unscrupulous c) Culpable
d) Bashful e) Scintillating

Ans: d

Exp:

The meanings of the words are:

Prurient => having or encouraging an excessive interest in sexual matters, especially the sexual activity of others. For example, She'd been the subject of much prurient curiosity in her time.

Unscrupulous => unfair; dishonest For example, As a result, unscrupulous landlords might be tempted to harass existing tenants.

Culpable => responsible for a wrong thing For example, Mercy killings are less culpable than 'ordinary' murders.

Bashful => embarrassed For example, Ask me everything you need to know but have been too bashful to ask.

Scintillating => shining brightly For example, The audience loved the comic's scintillating wit. The sentence clearly shows the reaction of an embarrassed person.

Q.14) With a _____ stare, the gang member pointed his gun at the unarmed police officer.

- a) Baleful b) Nimble c) Gargantuan
d) Pleasant e) Violent

Ans: a

Exp:

The word here should convey a negative meaning as it talks about a gang member pointing a gun

Let's look at the meanings of the words:

Baleful: dangerous; harmful For example, Bill shot a baleful glance in her direction as she walked in.

Nimble: agile For example, She sewed the rip in the shirt with the deft motion of her nimble fingers.

Gargantuan: huge For example, Bheem had a gargantuan appetite.

Pleasant: giving a sense of happy satisfaction or enjoyment. For example, We had a very pleasant evening.

Violent: using or involving physical force intended to hurt, damage, or kill someone or something.

For example, The students were not expecting the violent confrontation with riot police. Thus, option 4 is incorrect and a look cannot be 'violent.'

Q.15) If the men start to _____ too aggressively, their lighthearted words might trigger a fight.

- a) Please b) Perform c) Bandy
d) Conflict e) Discuss

Ans: d

Exp:

Let's look at the word meanings: Please: cause to feel happy and satisfied. For example, He arranged a fishing trip to please his son.

Perform: carry out, accomplish, or fulfill (an action, task, or function). For example, I have my duties to perform in the wedding.

Bandy: (of a person's legs) curved outwards so that the knees are wide apart. For example, She had bent, slightly bandy legs which gave her a funny walk.

Conflict: a serious disagreement or argument, typically a protracted one.

For example, The book is about the eternal conflict between the sexes.

Discuss: talk about (something) with a person or people. For example, I discussed the matter with my wife before coming to the office. Thus option 5 is the correct answer.

D.16-20)The following question consists of a sentence which is divided into three parts which contain grammatical errors in one or more than one part of the sentence. If there is an error in any part of the sentence, mark that as your answer. If the sentence is correct, mark (5) i.e. No error.

Q.16) Myself and Ravi will ensure (I) that the function goes through (II) without any accident of sorts (III)

- a) Only (I) b) Only (II) c) Only (III)
d) Both (I) and (II) e) No error

Ans: a

Exp:

The error in the sentence lies in part (I).

The phrase 'Myself and Ravi' is grammatically incorrect and must be replaced with the more appropriate 'Ravi and I' to make the sentence correct.

Thus, the correct option is 1. The correct sentence will be: Ravi and I will ensure that the function goes through without any accident of sorts

Q.17) You, he, and me are going to solve (I) this problem together and maintain (II) an alternate semblance of unity (III)

- a) Only (I) b) Only (II) c) Only (III)
d) Both (I) and (II) e) No error

Ans: a

Exp:

The error in the sentence lies in part (I).

The usage of the pronoun 'me' is incorrect in this sentence.

It should be replaced with 'I'. Thus, the correct option is 1.

The correct sentence will be: You, he, and I are going to solve this problem together and maintain an alternate semblance of unity.

Q.18) After parking the car (I) we entered into the house (II) through the front door (III)

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

e) No correction required

Ans: b

Exp:

The error in the sentence lies in part (II). The word 'enter' does not take any preposition and therefore, 'into' should be removed from the sentence to make it grammatically correct. Thus, the correct option is 2. The correct sentence will be: After parking the car we entered the house through the front door

Q.19) Alphabet and number songs (1)/ help children remember letters (2)/ and number sequence. (3)

- a) 1 b) 2 c) 3
d) Both 1 and 3 e) No error

Ans: c

Exp:

The incorrect word used is 'sequence'.

The correct form of the word to be used is 'sequences'.

The sentence is stated in the present and plural tense.

Thus, the latter part of the sentence is about the 'letters and number sequences' and so the plural form of the word should be used.

The correct sentence will be: Alphabet and number songs help children remember letters and number sequences.

Q.20) I have just finish (1) my internship (2) at the museum (3).

- a) 1 b) 2 c) 3 d) Both 1 and 2
e) No error

Ans: a

Exp:

The error is in part (1) of the sentence.

The sentence is in the present perfect tense.

The form of the verb 'finish' is incorrect in the sentence.

It should be 'finished'. The correct sentence will be:

I have just finished my internship at the museum.

D.21-22) In the following question, two columns are given, containing three phrases each. A phrase from the first column may or may not connect with a phrase from the second column to make a grammatically and contextually correct sentence. There are five options, four of which display the sequence(s) in which the phrases can be joined to form a correct sentence. If none of the phrases make a correct sentence, mark 'None of these' as your answer.

Q.21)

Column (1)	Column (2)
(A) The Balkan Mountains form a water divide	(D) between the rivers flowing to the Danube and Aegean Sea.
(B) Rivers that take their source from the Balkan Mountains	(E) flow northwards to the Danube.
(C) They are crossed by Bulgaria's widest river,	(F) the Iskar, which forms the spectacular Iskar Gorge.

- a) B-D and C-F
b) C-D
c) A-F and C-E
d) B-E
e) None of these

Ans: d

Exp:

Let's join the sentences to give a contextually and grammatically meaningful sentence.

The correct sequences are: A talks about a water divide, which is connected to 'between the rivers' in D.

So, A-D. The sentence will be: The Balkan Mountains form a water divide between the rivers flowing to the Danube and Aegean Sea.

B talks about rivers, which is referred to by the verb 'flow to the Danube' in E.

So, B-E. The sentence will be: Rivers that take their source from the Balkan Mountains flow northwards to the Danube.

C talks about Bulgaria's widest river, which is given as 'The Iskar' by F.

So, C-F. The sentence will be: They are crossed by Bulgaria's widest river, the Iskar, which forms the spectacular Iskar Gorge.

Out of these, only B-E is expressed in the given options

Q.22)

Column (1)	Column (2)
(A) The Byzantines and the Bulgarians first clashed	(D) who led a combined land and sea operation against the invaders.
(B) Asparukh defeated the Byzantines under Constantine IV,	(E) which allowed itself to panic and be defeated.
(C) Suffering from bad health, the emperor had to leave the army,	(F) when Khan Kubrat's youngest son Asparukh moved westward.

- a) B-D and C-F b) C-D c) B-E
d) A-F and C-E e) None of these

Ans: d

Exp:

Let's join the sentences to give a contextually and grammatically meaningful sentence.

The correct sequences are: A talks about first clash, which must be connected to some past historical date of reference, as given in F.

So, A-F. The sentence will be: The Byzantines and the Bulgarians first clashed when Khan Kubrat's youngest son Asparukh moved westward. B talks about Constantine IV, who is referred to by the pronoun 'who' in D.

So, B-D. The sentence will be: Asparukh defeated the Byzantines under Constantine IV, who led a combined land and sea operation against the invaders.

C talks about the army, which is referred to by the pronoun 'which' in E.

So, C-E. The sentence will be: Suffering from bad health, the emperor had to leave the army, which allowed itself to panic and be defeated. Out of these, only A-F and C-E is expressed in the given options.

Q.23) **Select the part of the sentence which contains an error. If there is no error choose 'No error' as the answer.**

Because the inadequacy (P)/ of the lightening is(Q)/ an issue, (R)/ spotlights will be purchased.(S)

- a) P b) Q c) R d) S e) No error

Ans: b

Exp:

Adequacy: the state or quality of being adequate. For example, The adequacy of testing procedures cannot be determined as of now.

Lightening: the occurrence of natural electrical discharge of very short duration and high voltage between a cloud and the ground or within a cloud, accompanied by a bright flash and typically also thunder

For example, A tremendous flash of lightening illuminated the garden for a second.

Issue: an important topic or problem for debate or discussion.

For example, The issue of racism is very old.

Spotlight: a lamp projecting a narrow, intense beam of light directly on to a place or person, especially a performer on stage.

For example, The dancers are spotlighted from time to time throughout the evening.

The correct word here is lighting which means equipment in a room, building, or street for producing light. For example, The fluorescent bulbs are for street lighting.

Q.24) **The sentence is given with four words emboldened. Find out which word is incorrect in the context according to grammar and context. If there is no error, choose 'No error'.**

When the **magician** did his **disappearing** trick, the **speechless** audience was **agile**.

- a) Magician b) Disappearing
c) Speechless d) Agile
e) No error

Ans: d

Exp:

The error lies in S as the word 'agile'. Magician: a person with magical powers.

For example, The magician fools his audience with sleight of hand.

Disappearing: cease to be visible. For example, He disappeared into the trees.

Speechless: unable to speak, especially as the temporary result of shock or strong emotion.

For example, He was speechless with rage.

Agile: able to move quickly and easily.

For example, Ruth was as agile as a monkey.

The word here should be a suitable reaction of the audience.

D.25-30) Read the given passage carefully and select the best answer to each question out of the five given alternatives.

A word has been highlighted in the passage for your attention. The Automated Facial Recognition System (AFRS) recently proposed by the Ministry of Home Affairs is geared towards modernising the police force, identifying criminals, and enhancing information sharing between police units across the country. The AFRS will use images from sources like CCTV cameras, newspapers, and raids to identify criminals against existing records in the Crime and Criminal Tracking Networks and System (CCTNS) database. The Home Ministry has clarified that this will not violate privacy, as it will only track criminals and be accessed only by law enforcement.

However, a closer look at facial recognition systems and India's legal framework reveals that a system like the AFRS will not only create a biometric map of our faces, but also track, classify, and possibly anticipate our every move.

Technically speaking, it is impossible for the AFRS to be truly used only to identify, track and verify criminals, despite the best of intentions. Recording, classifying and querying every individual is a prerequisite for the system to work. The system

will treat each person captured in images from CCTV cameras and other sources as a potential criminal, creating a map of her face, with measurements and biometrics, and match the features against the CCTNS database. This means that we are all treated as potential criminals when we walk past a CCTV camera — turning the assumption of "innocent until proven guilty" on its head. It is assumed that facial recognition will introduce efficiency and speed in enforcing law and order. However, the evidence suggests otherwise. In August 2018, a facial recognition system used by the Delhi police was reported to have an accuracy rate of only 2%. This is a trend worldwide, with similar levels of accuracy reported in the U.K. and the U.S. Accuracy rates of facial recognition algorithms are particularly low in the case of minorities, women and children, as demonstrated in multiple studies across the world. Use of such technology in a criminal justice system where vulnerable groups are overrepresented makes them susceptible to being subjected to false positives (being wrongly identified as a criminal). Image recognition is an extremely difficult task, and makes significant errors even in laboratory settings. Deploying these systems in consequential sectors like law enforcement is ineffective at best, and disastrous at worst.

Facial recognition makes data protection close to impossible as it is **predicated** on collecting publicly available information and analysing it to the point of intimacy. It can also potentially trigger a seamless system of mass surveillance, depending on how images are combined with other data points. The AFRS is being contemplated at a time when India does not have a data protection law. In the absence of safeguards, law enforcement agencies will have a high degree of discretion. This can lead to a mission creep. The Personal Data Protection Bill 2018 is yet to come into force, and even if it does, the exceptions contemplated for state

agencies are extremely wide.

Q.25) Which of the following is a synonym of “**Predicated**”?

- a) Derived b) Bought c) Based
- d) Contained e) Integrated

Ans: C

Exp:

The correct answer is option 3. Predicated means found or based something on.

The meanings of the rest of the words are: Derived: obtain something from (a specified source) For example, They derived great comfort from this assurance from their leader.

Bought: obtained in exchange for payment For example, She bought six first-class stamps.

Based: used (something specified) as the foundation or starting point for something.

For example, The film is based on a novel by Pat Conroy.

Contained: had or held (someone or something) within For example, The cigarettes were thought to contain cannabis.

Integrated: combined (one thing) with another to form a whole For example, This city needs an integrated public transport system

Q.26) Which of the following can be correctly inferred from the above passage?

- a) Police departments in London are under pressure to put a complete end to use of facial recognition systems following evidence of discrimination and inefficiency.
- b) The Personal Data Protection Bill 2018 came into force only a while ago this year.
- c) San Francisco recently implemented a complete ban on police use of facial recognition.
- d) Deploying image recognition systems in law enforcement can speed up the process of catching criminals.
- e) Police departments around the world are currently learning that facial recognition technology is not as useful in practice as it seems in theory.

Ans: e

Exp:

In the 3rd paragraph of the passage it is mentioned that facial recognition system used by the Delhi police was reported to have an accuracy rate of only 2% with the facial recognition system. Similar levels of accuracy were also reported in the U.K. and the U.S. Accuracy rates of facial recognition algorithms are particularly low in the case of minorities, women and children. Options 2 and 4 are incorrect as it is mentioned in the passage that the Personal Data Protection Bill 2018 is yet to come into force and deploying face recognition systems in consequential sectors like law enforcement is ineffective and disastrous. The rest of the options are incorrect as there is not enough information given to correctly infer them.

Q.27) Which of the following can be correctly inferred from the first paragraph?

- a) Factors such as illumination, expression, pose and noise during face capture can affect the performance of facial recognition systems.
- b) The citizens can fear AFRS as it could lead to a “total surveillance society,” with the government and other authorities having the ability to know the whereabouts and activities of all citizens around the clock.
- c) AFRS is widely adopted due to its contactless and non-invasive process.
- d) Social media platforms have adopted facial recognition capabilities to diversify their functionality in order to attract a wider user base amidst stiff competition from different applications.
- e) Concerns have been raised over who would have access to the knowledge of one’s whereabouts and people with them at any given time.

Ans: b

Exp:

It is mentioned in the 1st paragraph that a

closer look at facial recognition systems and India's legal framework reveals that a system like the AFRS will not only create a biometric map of our faces, but also track, classify, and possibly anticipate our every move. From this we can deduce that if citizens get to know about this they'll start fearing this technology soon enough. The rest of the options are incorrect as there is not enough information given to correctly infer them

Q.28) According to the above passage, why is impossible for AFRS to identify and track only criminals?

- a) As compared to other biometric techniques, face recognition may not be the most reliable and efficient.
- b) Factors such as illumination, expression, pose and noise during face capture can affect the performance of facial recognition systems.
- c) The system will treat each person captured in images from CCTV cameras and other sources as a potential criminal, and match the features against the CCTNS database.
- d) There is inconstancy in the datasets used by researchers.
- e) Because facial recognition is not completely accurate, it creates a list of potential matches.

Ans: c

Exp:

As stated in the 2nd paragraph recording, classifying and querying every individual is essential for the AFRS to work. The system will treat each person captured in images from CCTV cameras and other sources as a potential criminal, creating a map of her face, with measurements and biometrics, and match the features against the CCTNS database. This means that we are all treated as potential criminals when we walk past a CCTV camera. The rest of the options are incorrect

Q.29) According to the above passage, why would AFRS make data protection not possible?

- a) The London Borough of Newham scheme has, as of 2004, never recognized a single criminal, despite

several criminals in the system's database living in the Borough and the system has been running for several years.

- b) When the public is regularly told that they are under constant video surveillance with advanced face recognition technology, this fear alone can reduce the crime rate.

c) Data stores about face or biometrics can be accessed by a third party if not stored properly or hacked.

d) It is based on collecting publicly available information and analysing it to the point of intimacy.

e) Face recognition can be used not just to identify an individual, but also to unearth other personal data associated with an individual – such as other photos featuring the individual, blog posts, social networking profiles etc.

Ans: d

Exp:

As stated in the last paragraph, facial recognition makes data protection close to impossible as it is predicated on collecting publicly available information and analysing it to the point of intimacy. It can also potentially trigger a seamless system of mass surveillance, depending on how images are combined with other data points.

Q.30) What is meant by the phrase "mission creep"?

a) A gradual shift in objectives during the course of a military campaign, often resulting in an planned long-term commitment.

b) A gradual shift in objectives at end of the course of a military campaign, often resulting in an unplanned short-term commitment.

c) A gradual shift in paths during the course of a military campaign, often resulting in an unplanned long-term commitment.

d) A mighty shift in objectives during the course of a military campaign, often resulting in an imagined long-term commitment.

e) None of the above.

Ans: c

NIACL ASSISTANT QUESTION PAPER - NUMARICAL ABILITY

Q.1) Ruhi spends 30% of her monthly salary on rent, transportation and bills in the respective ratio of 7 : 5 : 3. If he spends Rs. 3,560 on the transportation, how much is her monthly salary?

- a) Rs. 30,250 b) Rs. 40,000
c) Rs. 35,600 d) Rs. 44,750
e) Rs. 36,000

Ans: c

Exp: Let Ruhi's monthly salary be Rs. x .
30% of his monthly salary

$$= \text{Rs. } \frac{30x}{100} = \text{Rs. } \frac{3x}{10}$$

Rent : Transportation : Bills
= 7 : 5 : 3

Sum of the terms of ratio
= 7 + 5 + 3 = 15

According to the question,

$$\frac{5}{15} \times \frac{3x}{10} = 3560$$

$$\Rightarrow x = 3560 \times 10 = \text{Rs. } 35600$$

D.2-6) Study the table carefully and answer the given questions.

Number of members in 5 book clubs during 5 given years:

Year	2006	2007	2008	2009	2010
Book Club					
M	189	133	169	113	189
N	125	164	205	129	187
O	121	120	189	178	195
P	147	167	145	147	123
Q	129	234	154	169	177

Q.2) Number of members in book club O increased by what percent from 2007 to 2010?

- a) 65
b) 64.5
c) 58
d) 62.5
e) 56.5

Ans: d

Exp: Number of members in book club O :

Year 2007 $\Rightarrow$ 120

Year 2010 $\Rightarrow$ 195

$\therefore$ Percentage increase

$$= \left(\frac{195 - 120}{120} \right) \times 100$$

$$= \frac{7500}{120} = 62.5\%$$

Q.3) What is the difference between total number of members in book clubs O and P together in 2006 and that in book clubs M and N together in 2008?

- a) 98 b) 94 c) 96
d) 104 e) 106

Ans: e

Exp: Required difference = (169 + 205) — (121 + 147)
= 374 — 268 = 106

Q.4) What is the respective ratio between total number of members in book club M in 2006 and 2010 together and that in book club Q in the same years together?

- a) 21 : 17 b) 21 : 19 c) 19 : 17
d) 23 : 19 e) 23 : 17

Ans: a

Exp: Required average = (189 + 189) : (129 + 177)
= 378 : 306
= 21 : 17

Q.5) What is the average number of members in book clubs M, N and Q in 2007?

- a) 179 b) 181 c) 177
d) 183 e) 173

Ans: c

Exp: Required ratio

$$= \frac{133 + 164 + 234}{3}$$

$$= \frac{531}{3} = 177$$

Q.6) If 45% of the total number of members in book clubs M, N and O together in 2009 are males, what is the total number of male members in book clubs M, N and O together in 2009?

- a) 181 b) 189 c) 187
d) 191 e) 197

Ans: b

Exp: Number of members in book clubs M, N and O in the year 2009

$$= 113 + 129 + 178 = 420$$

Number of male members

$$= 45\% \text{ of } 420$$

$$= \frac{420 \times 45}{100} = 189$$

Q.7) Five years ago, the average of Simi's age that time and Tia's age that time was 17 years. Four years hence now, the respective ratio between Simi's age and Tia's age that time will be 8 : 5. What is Simi's present age?

- a) 16 years b) 11 years c) 32 years
d) 28 years e) 23 years

Ans: d

Exp: Sum of present ages of Simi and Tia

$$= (2 \times 17 + 10) \text{ years}$$

$$= 44 \text{ years}$$

After 4 years from today,

Simi's age = $8x$ years

Tia's age = $5x$ years

According to the question, $8x + 5x = 44 + 8$

$$\Rightarrow 13x = 52$$

$$\Rightarrow x = \frac{52}{13} = 4$$

$\therefore$ Simi's present age

$$= (8x - 4) \text{ years}$$

$$= (8 \times 4 - 4) \text{ years}$$

$$= 28 \text{ years}$$

Q.8) The profit earned by selling an article for Rs. 730 is double the loss incurred when the same article is sold for Rs. 265. What would be the selling price of the article if it is sold at 15% profit?

- a) Rs. 491 b) Rs. 495
c) Rs. 477 d) Rs. 483
e) None of these

Ans: d

Exp:

Let the C.P. of article be Rs. x .

According to the question,

$$730 - x = 2(x - 265)$$

$$\Rightarrow 730 - x = 2x - 530$$

$$\Rightarrow 2x + x = 730 + 530$$

$$\Rightarrow 3x = 1260$$

$$\therefore x = \frac{1260}{3} = \text{Rs. } 420.$$

$\therefore$ For a profit of 15%,

$$\text{Required S.P.} = \frac{420 \times 115}{100}$$

$$= \text{Rs. } 483$$

Q.9) $\frac{2}{5}$ th of a number is two more than $\frac{1}{3}$ rd another number. If the sum of the two numbers is 16, what is their product?

- a) 30 b) 120 c) 60 d) 150 e) 90

Ans: c

Exp:

Let the numbers be x and y .

According to the question,

$$\frac{2x}{5} = \frac{y}{3} + 2$$

$$\Rightarrow \frac{2x}{5} - \frac{y}{3} = 2$$

$$\Rightarrow \frac{6x - 5y}{15} = 2$$

$$\Rightarrow 6x - 5y = 30 \quad \text{--- (i)}$$

$$\text{and } x + y = 16 \quad \text{--- (ii)}$$

By equation (ii) $\times 5 +$ (i),

$$5x + 5y = 80$$

$$6x - 5y = 30$$

$$\hline 11x = 110$$

$$\Rightarrow x = 10$$

From equation (ii),

$$10 + y = 16 \Rightarrow y = 16 - 10 = 6$$

$$\therefore xy = 10 \times 6 = 60$$

Q.10) A boat can travel 12.6 km. upstream in 54 minutes. If the speed of the water current is $\frac{1}{8}$ th of the speed of the boat in still water, how much distance (in km) the boat can travel downstream in 35 minutes?

- a) 9 b) 10.5 c) 9.5
d) 11.5 e) 12

Ans: b

Exp:

$$\begin{aligned} & \text{Rate upstream of boat} \\ &= \frac{\text{Distance}}{\text{Time}} \end{aligned}$$

$$= \left(\frac{12.6}{\frac{54}{60}} \right) \text{ kmph}$$

$$= \left(\frac{12.6 \times 60}{54} \right) \text{ kmph}$$

$$= 14 \text{ kmph}$$

According to the question,
Speed of boat in still water
= $8x$ kmph

Speed of current = x kmph

$$\therefore 8x - x = 14$$

$$\Rightarrow 7x = 14$$

$$\Rightarrow x = 2 \text{ kmph}$$

$\therefore$ Rate downstream of boat

$$= 9x \text{ kmph} = 18 \text{ kmph}$$

$\therefore$ Distance covered in 35 min-

$$\text{utes} = \frac{35}{60} \text{ hour}$$

$$= 18 \times \frac{35}{60} = 10.5 \text{ km.}$$

Q.11) A circular copper wire of radius 7 cm is bent to form a rectangle. If the breadth and the length of a rectangle are in the ratio of 4 : 7 respectively, what is the breadth of the rectangle? (in centimetres)

- a) 8 cm
b) 14 cm
c) 10 cm
d) 12 cm
e) None of these

Ans: a

Exp:

$$\begin{aligned} & \text{Length of copper wire} \\ &= 2\pi r \end{aligned}$$

$$= 2 \times \frac{22}{7} \times 7 = 44 \text{ cm.}$$

$$\begin{aligned} & \text{Perimeter of rectangle} \\ &= 44 \text{ cm.} \end{aligned}$$

According to the question,

$$2(l + b) = 44$$

$$\Rightarrow 2(7x + 4x) = 44$$

$$\Rightarrow 11x = \frac{44}{2} = 22$$

$$\Rightarrow x = \frac{22}{11} = 2$$

$\therefore$ Breadth of rectangle

$$= 4x = 8 \text{ cm.}$$

Q.12) A started a business by investing Rs. 5,000 and after 2 months B joined by investing Rs. 6,000. At the end of 4 months from the start of the business, C joined them with an investment of Rs. 12,000. At the end of 10 months from the start of the business, A withdrew Rs. 3000. If A's share in the annual profit was Rs. 1260, what was, the total annual profit?

- a) Rs. 5250
b) Rs. 4375
c) Rs. 5600
d) Rs. 4725
e) Rs. 4900

Ans: e

Exp:

Ratio of the equivalent capitals of A, B and C for 1 month = $(5000 \times 10 + 2000 \times 2) : (6000 \times 10) : (12000 \times 8)$
 $= (50000 + 4000) : 60000 : 96000$
 $= 54 : 60 : 96 = 9 : 10 : 16$
Sum of the terms of ratio
 $= 9 + 10 + 16 = 35$
If total annual profit be Rs. x , then

$$\text{A's share} = \text{Rs.} \left(\frac{9}{35} x \right)$$

$$\therefore \frac{9x}{35} = 1260$$

$$\Rightarrow 9x = 1260 \times 35$$

$$\Rightarrow x = \frac{1260 \times 35}{9}$$

$$= \text{Rs. } 4900$$

Q.13) The sum of two positive numbers is 1508. If 25% of the first number is equal to 40% of the second number, what is the smaller number among the two?

- a) 400 b) 640 c) 580
d) 420 e) 560

Ans: c

Exp:

Let the smaller number be x .

$$\therefore \text{Larger number} = 1508 - x$$

According to the question,

$$(1508 - x) \times \frac{25}{100} = \frac{x \times 40}{100}$$

$$\Rightarrow \frac{1508 - x}{4} = \frac{2x}{5}$$

$$\Rightarrow \frac{1508}{4} - \frac{x}{4} = \frac{2x}{5}$$

$$\Rightarrow 377 = \frac{2x}{5} + \frac{x}{4}$$

$$\Rightarrow 377 = \frac{8x + 5x}{20}$$

$$\Rightarrow \frac{13x}{20} = 377$$

$$\Rightarrow 13x = 377 \times 20$$

$$\Rightarrow x = \frac{377 \times 20}{13} = 580$$

Q.14) Three pipes A, B and C together can fill a tank in 6 hours. After working at it together for 2 hours, C is closed and A and B together can fill the remaining part in 7 hours. The number of hours taken by C alone to fill the empty tank is

- a) 10 b) 12
c) 14 d) 16
e) None of these

Ans: c

Exp:

Part of the tank filled in 2

$$\text{hours} = \frac{2}{6} = \frac{1}{3}$$

Remaining part

$$= 1 - \frac{1}{3} = \frac{2}{3}$$

$$(A + B)\text{'s } 7 \text{ hours' work} = \frac{2}{3}$$

$$\therefore (A + B)\text{'s } 1 \text{ hour's work}$$

$$= \frac{2}{21}$$

C's 1 hour's work

$$= (A + B + C)\text{'s } 1 \text{ hour's work}$$

$$- (A + B)\text{'s } 1 \text{ hour's work}$$

$$= \frac{1}{6} - \frac{2}{21} = \frac{7 - 4}{42}$$

$$= \frac{3}{42} = \frac{1}{14}$$

Q.15) A motor car starts with the speed of 70 kmph with its speed increasing every two hours by 10 kmph. In how many hours will it cover 345 km.?

- a) $2\frac{1}{4}$ hrs b) 4 hrs. 5 min.
c) $4\frac{1}{2}$ hrs d) Cannot be determined
e) None of these

Ans: c

Exp: (3) Distance covered in first 2 hours = $70 \times 2 = 140$ km.
Distance covered in next 2 hours = $80 \times 2 = 160$ km.
Remaining distance = $345 - (140 + 160) = 45$ km.
Speed in 5th hour = 90 kmph
 $\therefore$ Time taken

$$= \frac{45}{90} = \frac{1}{2} \text{ hour}$$

$$\therefore \text{Total time} = 4\frac{1}{2} \text{ hours}$$

Q.16) A bag contains 2 red, 3 green and 2 blue balls. Two balls are drawn at random. What is the probability that none of the balls drawn is blue?

- a) $10/21$ b) $11/21$
c) $2/7$ d) $5/7$
e) None of these

Ans: a

Exp:

Total number of balls = $2 + 3 + 2 = 7$
Total possible outcomes = Selection of 2 balls out of 7 balls

$$= {}^7C_2 = \frac{7 \times 6}{1 \times 6} = 21$$

Favourable outcomes = Selection of 2 balls out of 2 red and 3 green balls

$$= {}^5C_2 = \frac{5 \times 4}{1 \times 2} = 10$$

$$\therefore \text{Required probability} = \frac{10}{21}$$

D.17-26) What should come in place of the question mark (?) in the following questions ?

Q.17) 60% of 540 + 45% of ? = 468

- a) 360 b) 320 c) 340
d) 280 e) 300

Ans: b

Exp:

$$\frac{60 \times 540}{100} + \frac{45 \times ?}{100} = 468$$

$$\Rightarrow 324 + \frac{45 \times ?}{100} = 468$$

$$\Rightarrow \frac{45 \times ?}{100} = 468 - 324 = 144$$

$$\Rightarrow 45 \times ? = 144 \times 100$$

$$\Rightarrow ? = \frac{144 \times 100}{45} = 320$$

Q.18) $60 \div 1.8 \times 54 - ? = 1260$

- a) 570 b) 480 c) 560
d) 540 e) 460

Ans: d

Exp:

$$\frac{60}{1.8} \times 54 - ? = 1260$$

$$\Rightarrow 1800 - ? = 1260$$

$$\Rightarrow ? = 1800 - 1260 = 540$$

Q.19) $\sqrt{1849} + \sqrt{441} = 2^{16-?}$

- a) 14 b) 12 c) 6
d) 10 e) 8

Ans: d

$$\text{Exp: } \sqrt{1849} + \sqrt{441} = 2^{16-?}$$

$$\Rightarrow 43 + 21 = 2^{16-?}$$

$$\Rightarrow 64 = 2^{16-?}$$

$$\Rightarrow 2^6 = 2^{16-?}$$

$$\Rightarrow 6 = 16 - ?$$

$$\Rightarrow ? = 16 - 6 = 10$$

Q.20) $(625.75 + 450.5 + ?) \times \frac{3}{5} = 750$

- a) 163.25 b) 175.75 c) 107.25
d) 176.25 e) 156.75

Ans: b

Exp: $(625.75 + 450.5 + ?) \times \frac{3}{5}$
 $= 750$
 $\Rightarrow 1076.25 + ? = \frac{750 \times 5}{3}$
 $= 1250$
 $\Rightarrow ? = 1250 - 1076.25 = 173.75$

Q.21) $8^2 \times 7^2 \div \sqrt{196} - 143 = 3^?$

- a) 5 b) 6 c) 3
d) 4 e) 2

Ans: d

Exp: $8^2 \times 7^2 \div \sqrt{196} - 143 = 3^?$
 $\Rightarrow \frac{8 \times 8 \times 7 \times 7}{14} - 143 = 3^?$
 $\Rightarrow 224 - 143 = 3^?$
 $\Rightarrow 81 = 3^? \Rightarrow 3^4 = 3^? \Rightarrow ? = 4$

Q.22) $\left(\frac{4}{7} + 1\frac{3}{7} + \frac{3}{4}\right)$ of ? = 693

- a) 308 b) 364 c) 252
d) 196 e) 224

Ans: c

Exp: $\left(\frac{4}{7} + \frac{10}{7} + \frac{3}{4}\right)$ of ? = 693
 $\Rightarrow \left(\frac{16 + 40 + 21}{28}\right) \times ? = 693$
 $\Rightarrow \frac{77}{28} \times ? = 693$
 $\Rightarrow \frac{11}{4} \times ? = 693$
 $\Rightarrow ? = \frac{693 \times 4}{11} = 252$

Q.23) $\sqrt{108 \times 6 + 98 - 121} = ?^2$

- a) 5 b) 7 c) 4
d) 3 e) 8

Ans: a

Exp: $?^2 = \sqrt{108 \times 6 + 98 - 121}$
 $\Rightarrow ?^2 = \sqrt{648 + 98 - 121}$
 $= \sqrt{625}$
 $\Rightarrow ?^2 = 25 \Rightarrow ? = \sqrt{25} = 5$

Q.24) $(0.4 \times 450) \div 4 = 5 \times 3^?$

- a) 3 b) 1 c) 2 d) -3 e) -2

Ans: c

Exp: $\frac{0.4 \times 450}{4} = 5 \times 3^?$
 $\Rightarrow 45 = 5 \times 3^?$
 $\Rightarrow 3^? = \frac{45}{5} = 9$
 $\Rightarrow 3^? = 3^2 \Rightarrow ? = 2$

Q.25) 20 % of 225 + 75 = ? % of 150

- a) 90 b) 80 c) 70 d) 75 e) 85

Ans: b

Exp: $\frac{20 \times 225}{100} + 75 = \frac{? \times 150}{100}$
 $\Rightarrow 45 + 75 = \frac{? \times 15}{10}$
 $\Rightarrow 120 = \frac{3 \times ?}{2}$
 $\Rightarrow ? = \frac{120 \times 2}{3} = 80$

Q.26) $\left(2\frac{2}{3} \times 6\frac{3}{4}\right) + ? = 3^3$

- a) 18 b) 7 c) 19
d) 11 e) 9

Ans: e

Exp:

$$(5) \left(\frac{8}{3} \times \frac{27}{4} \right) + ? = 3^3$$

$$\Rightarrow 18 + ? = 27$$

$$\Rightarrow ? = 27 - 18 = 9$$

D.27-31) What will come in place of the question mark (?) in the following number series ?

Q.27) 18 37 75 132 ? 303

- a) 239 b) 227 c) 219
d) 208 e) 242

Ans: d

Exp:

The pattern is :

$$18 + 1 \times 19 = 18 + 19 = 37$$

$$37 + 2 \times 19 = 37 + 38 = 75$$

$$75 + 3 \times 19 = 75 + 57 = 132$$

$$132 + 4 \times 19 = 132 + 76$$

$$= \boxed{208}$$

$$208 + 5 \times 19 = 208 + 95 = 303$$

Q.28) 220 229 211 247 ? 319

- a) 164 b) 185 c) 175
d) 159 e) 193

Ans: c

Exp:

The pattern is :

$$220 + 9 \times 1 = 220 + 9 = 229$$

$$229 - 9 \times 2 = 229 - 18 = 211$$

$$211 + 18 \times 2 = 211 + 36$$

$$= 247$$

$$247 - 36 \times 2 = 247 - 72$$

$$= \boxed{175}$$

$$175 + 2 \times 72 = 175 + 144$$

$$= 319$$

Q.29) 3 4 9 28 113 ?

- a) 486 b) 492 c) 528
d) 534 e) 566

Ans: e

Exp:

The pattern is :

$$3 \times 1 + 1 = 3 + 1 = 4$$

$$4 \times 2 + 1 = 8 + 1 = 9$$

$$9 \times 3 + 1 = 27 + 1 = 28$$

$$28 \times 4 + 1 = 112 + 1 = 113$$

$$113 \times 5 + 1 = 565 + 1 = \boxed{566}$$

Q.30) 24 ? 12 18 36 90

- a) 9 b) 12 c) 8 d) 4 e) 6

Ans: b

Exp:

The pattern is :

$$24 \times \frac{1}{2} = 12$$

$$12 \times 1 = \boxed{12}$$

$$12 \times \frac{3}{2} = 18$$

$$18 \times 2 = 36$$

$$36 \times \frac{5}{2} = 90$$

Q.31) 220 108 52 24 10 ?

- a) 2 b) 0.5 c) 4 d) 3 e) 5

Ans: d

Exp:

The pattern is :

$$\frac{220}{2} - 2 = 110 - 2 = 108$$

$$\frac{108}{2} - 2 = 54 - 2 = 52$$

$$\frac{52}{2} - 2 = 26 - 2 = 24$$

$$\frac{24}{2} - 2 = 12 - 2 = 10$$

$$\frac{10}{2} - 2 = 5 - 2 = \boxed{3}$$

Q.32) There are five positive observations. Average of the first three observations is 8 and that of the last three observations is 6. If the average of all five observations is 6, what is the third observation?

- a) 10 b) 8 c) 12 d) 14 e) 6

Ans: c

Exp:

Third observation

$$= 8 \times 3 + 6 \times 3 - 5 \times 6$$

$$= 24 + 18 - 30 = 42 - 30 = 12$$

Q.33) Dan invested certain sum in scheme A, which offers simple interest at the rate of 8% p.a. for 4 years. He also invested Rs. 4,000 in scheme B, which offers compound interest (compounded annually), at 10% p.a. for 2 years. If the interest earned from Scheme A is $\frac{4}{5}$ th of the interest earned from scheme B, what is the sum invested in scheme A?

- a) Rs. 3400 b) Rs. 2100 c) Rs. 3250
d) Rs. 3650 e) None of these

Ans: b

Exp: **Amount invested scheme**

A = Rs. x (let).

S.I from scheme A

$$= \frac{\text{Principal} \times \text{Time} \times \text{Rate}}{100}$$

$$= \frac{x \times 4 \times 8}{100} = \text{Rs. } \frac{32x}{100}$$

C.I. from scheme B

$$= P \left[\left(1 + \frac{R}{100} \right)^T - 1 \right]$$

$$= 4000 \left[\left(1 + \frac{10}{100} \right)^2 - 1 \right]$$

$$= 4000 \left[\left(\frac{11}{10} \right)^2 - 1 \right]$$

$$= 4000 \left(\frac{121}{100} - 1 \right)$$

$$= \frac{4000 \times 21}{100} = \text{Rs. } 840$$

According to the question,

$$\frac{32x}{100} = \frac{4}{5} \times 840 = 672$$

$$\Rightarrow x = \frac{672 \times 100}{32} = \text{Rs. } 2100$$

Q.34) The perimeter of an equilateral triangle is 40 m less than the perimeter of a square. If the respective ratio between the side of the triangle and the side of a square is 8 : 11, what is the area of the square? (in m²)

- a) 441 b) 324 c) 289 d) 576 e) 484

Ans: e

Exp: **Side of the equilateral triangle = 8x metre**

Side of square = 11x metre

According to the question,

$$4 \times 11x - 3 \times 8x = 40$$

$$\Rightarrow 44x - 24x = 40$$

$$\Rightarrow 20x = 40 \Rightarrow x = 2$$

$$\therefore \text{Side of square} = 11 \times 2$$

$$= 22 \text{ metre}$$

$$\therefore \text{Area of square} = 22 \times 22$$

$$= 484 \text{ sq. metre.}$$

Q.35) A and B can independently finish a piece of work in 30 days and 40 days respectively. They started working together and after few days B left. After that A could finish the remaining work in 16 days. After how many days of working together B left?

- a) 10 b) 6 c) 12 d) 4 e) 8

Ans: e

Exp:

(5) Let B left after x days.

(A + B)'s x days' work + A's

16 days' work = 1

$$\Rightarrow \frac{x}{30} + \frac{x}{40} + \frac{16}{30} = 1$$

$$\Rightarrow \frac{x}{30} + \frac{x}{40} = 1 - \frac{16}{30}$$

$$\Rightarrow \frac{4x + 3x}{120} = 1 - \frac{8}{15}$$

$$\Rightarrow \frac{7x}{120} = \frac{15 - 8}{15} = \frac{7}{15}$$

$$\Rightarrow 7x = \frac{7}{15} \times 120$$

$$\Rightarrow 7x = 7 \times 8$$

$$\Rightarrow x = \frac{7 \times 8}{7} = 8 \text{ days.}$$

NIACL ASSISTANT QUESTION PAPER - REASONING

Q.1) All the letters of the word **JUNKYARD** are arranged in alphabetical order from left to right. Then all the vowels are replaced with the next alphabet (as per the English alphabetical order), then which of the following will be the second letter from the right end?

- a) V b) D c) K d) N e) R

Ans: a

Exp:

Alphabetical order of the letters of the word JUNKYARD :

A D J K N R	U Y
+1↓	+1↓
B	V

Second letter from the right end ⇒ V

D.2-3) Study the following information carefully and answer the questions given below

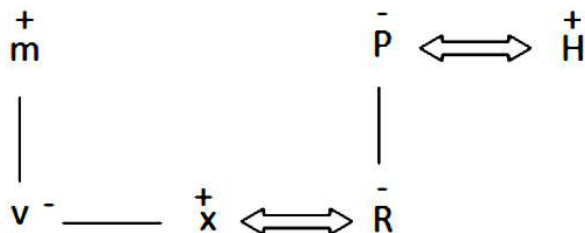
M is the father of V. V is the sister of X. X is married to R. R is the daughter of P. P is the wife of H.

Q.2) If N is the only child of V, then how is N related to M?

- a) Grandfather b) Daughter
c) Son d) Cannot be determined
e) Brother

Ans: d

Exp:

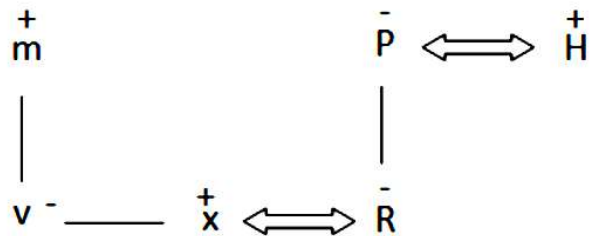


Q.3) How is X related to H?

- a) Daughter-in-law b) Nephew
c) Daughter d) Son
e) Son-in-law

Ans: e

Exp:

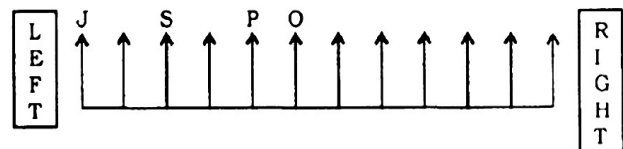


Q.4) In a straight line of twelve persons (facing north), P sits fifth from the left end of the line. Only three persons sit between J and P. S sits second to the right of J. O sits third to the right of S. How many persons sit between O and P?

- a) None b) Cannot be determined
c) Three d) One e) Two

Ans: a

Exp:



O is to the immediate right of P.

Q.5) If all the numbers in **42731658** are arranged in ascending order from left to right, the position(s) of how many number(s) will remain unchanged?

- a) None b) More than three
c) Three d) One
e) Two

Ans: c

Exp:

4	2	7	3	1	6	5	8
1	2	3	4	5	6	7	8

D.6-10) Study the following information carefully and answer the questions given below

Eight persons J, K, L, M, N, O, P and Q - are sitting around a circular table facing the centre but not necessarily in the same order. Only three persons sit between Q and P. N sits third to the right

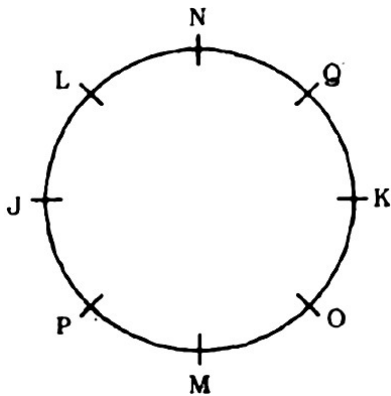
of O. O is neither an immediate neighbour of Q nor P. J is an immediate neighbour of P. Only three persons sit between J and K. Only one person sits between K and M. M is not an immediate neighbour of Q.

Q.6) Who among the following sits second to the left of O?

- a) K b) L c) M d) P e) Q

Ans: d

Exp:



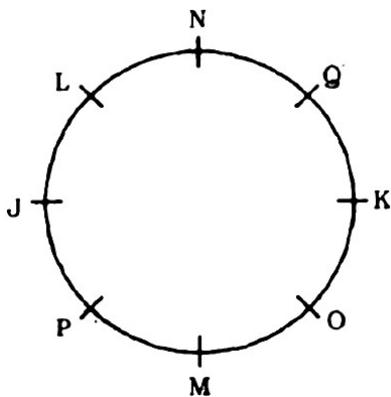
P sits second to the left of O.

Q.7) Who amongst the following represent the immediate neighbours of Q?

- a) M,K b) K,N c) L,K
d) J,N e) J, L

Ans: b

Exp:



N and K are immediate neighbours of Q.

Q.8) Which amongst the following is true regarding L, as per the given arrangement?

- a) Only three persons sit between O and L

b) None of the given statements is true

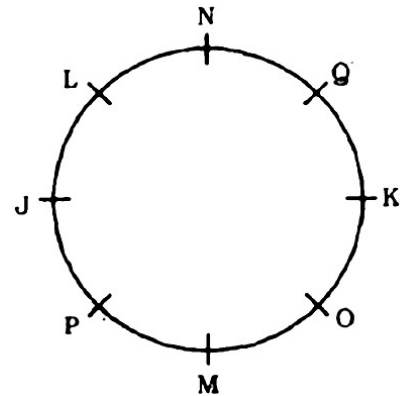
c) N sits second to the left of L

d) P is one of the immediate neighbours of L

e) Only one person sits between L and K

Ans: a

Exp:

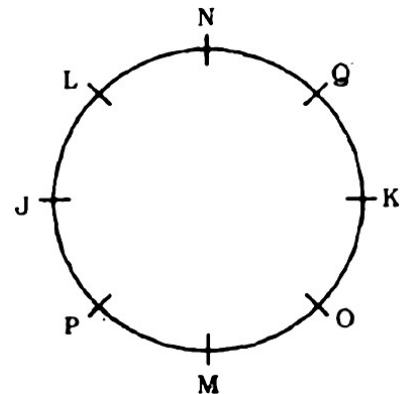


Q.9) Four of the following five are alike in a certain way based on their positions in the given arrangement and so form a group. Which is the one that does not belong to that group?

- a) MKO b) POM c) LKN
d) NJL e) KNQ

Ans: c

Exp:



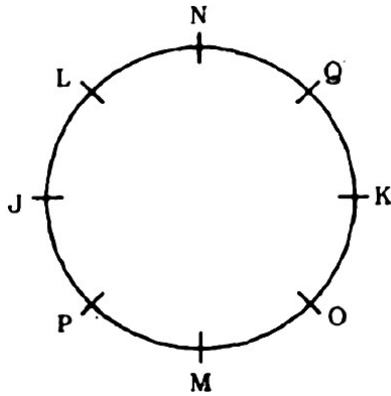
Except in LKN, in all others the third person sits between the first two persons.

Q.10) How many persons are seated between O and J, when counted from the left of J?

- a) None b) One
c) Two d) Three
e) Four

Ans: e

Exp:



When counted from the left of J, four persons — L, N, Q and K — are seated between O and J.

D.11-15) The following questions are based on five three-digit numbers given below:

415 764 327 542 256

Q.11) What will be the resultant if second digit of the lowest number and third digit of the highest number are multiplied?

- a) 20 b) 14 c) 8 d) 30 e) 36

Ans: a

Exp:

Lowest number $\Rightarrow$ 256
Its second digit $\Rightarrow$ 5
Highest number $\Rightarrow$ 764
Its third digit $\Rightarrow$ 4
Required product $\Rightarrow 5 \times 4$
 $= 20$

Q.12) If '1' is added to the first digit of every odd number and '2' is subtracted from the second digit of every even number, in how many numbers will a digit appear twice?

- a) Two b) Three c) Four
d) None e) One

Ans: b

Exp:

415 $\Rightarrow$ 515
464 $\Rightarrow$ 744
327 $\Rightarrow$ 427
542 $\Rightarrow$ 522
256 $\Rightarrow$ 236

Q.13) The positions of the first and the second digits of each of the numbers are interchanged. What will be the resultant if third digit of highest number thus formed is divided by the second digit of the lowest number thus formed?

- a) 3 b) 4 c) 2.5 d) 1.5 e) 1

Ans: e

Exp:

415 $\Rightarrow$ 145
764 $\Rightarrow$ 674
327 $\Rightarrow$ 237
542 $\Rightarrow$ 452
256 $\Rightarrow$ 526

Highest number $\Rightarrow$ 674

Its third digit $\Rightarrow$ 4

Lowest number $\Rightarrow$ 145

Its second digit $\Rightarrow$ 4

Required resultant $\Rightarrow \frac{4}{4} = 1$

Q.14) If in each number all the digits are arranged in ascending order from left to right within the number, how many numbers thus formed will be odd numbers?

- a) None b) Two c) One
d) Four e) Three

Ans: d

Exp:

415 $\Rightarrow$ 145
764 $\Rightarrow$ 467
327 $\Rightarrow$ 237
542 $\Rightarrow$ 245
256 $\Rightarrow$ 256

Four numbers are odd numbers.

Q.15) If all the numbers are arranged in ascending order from left to right, which of the following will be the sum of all the three digits of the number which is third from the left?

- a) 12 b) 11 c) 10
d) 13 e) 17

Ans: c

Exp: $256 < 327 < 415 < 542 < 764$
 Third number from the left
 $\Rightarrow 415$
 Required sum $\Rightarrow 4 + 1 + 5 = 10$

D.16-20) In each of the following questions, relationship between different elements is shown in the statements. The statements are followed by two Conclusions numbered I and II. Study the Conclusions based on the given statement(s) and select the appropriate answer

Give answer (1) if both the Conclusion I and Conclusion II are true

Give answer (2) if either Conclusion I or Conclusion II is true

Give answer (3) if only Conclusion I is true

Give answer (4) if only Conclusion II is true

Give answer (5) if neither Conclusion I nor Conclusion II is true

Q.16)

Statements :

$F < R < L \leq S > O$

Conclusions:

I. $F < S$

II. $O > R$

a) 1 b) 2 c) 3
 d) 4 e) 5

Ans: c

Exp: (3) $F < R < L \leq S > O$

Conclusions

I. $F < S$: True

II. $O > R$: Not True

Q.17)

Statements: $U \leq C = N < Q \geq J$

Conclusions:

I. $Q > U$

II. $C < J$

a) 1 b) 2 c) 3
 d) 4 e) 5

Ans: c

Exp:

$U \leq C = N < Q \geq J$

Conclusions

I. $Q > U$: True

II. $C < J$: Not True

Q.18) Statements: $G \geq R = O \geq W$

Conclusions: I. $G > W$

II. $W = G$

a) 1 b) 2 c) 3 d) 4 e) 5

Ans: b

Exp: $G \geq R = O \geq W$

Conclusions

I. $G > W$: Not True

II. $G = W$: Not True

G is either greater than or equal to W . Therefore, either Conclusion I or Conclusion II is true.

Q.19) Statements: $K > E \geq R = A$; $E < B$

Conclusions: I. $K = A$

II. $A < B$

a) 1 b) 2 c) 3 d) 4 e) 5

Ans: d

Exp: (4) $K > E \geq R = A$

$E < B$

$B > E \geq R = A$

Conclusions

I. $K = A$: Not True

II. $A < B$: True

Q.20) Statements: $D = O < L \leq P > H$

Conclusions: I. $P < D$

II. $O > H$

a) 1 b) 2 c) 3 d) 4 e) 5

Ans: e

Exp: $D = O < L \leq P > H$

Conclusions

I. $P < D$: Not True

II. $O > H$: Not True

D.21-25) In each of the following questions, a group of numbers/symbols followed by five combinations of inter codes is given. You have to find out which of the combinations correctly represents the group of numbers/symbols based on the given coding system and the conditions and mark that combination as your answer.

Numbers/ Symbols	6	*	@	4	3	&	+	#	7	9	%	2	^	5	8
Letter	F	M	D	U	S	J	R	Y	A	Q	Z	L	P	C	U
Code :															

Conditions: (1) If the first and the third elements are symbols then their codes are to be interchanged.

(2) If an odd number is immediately followed as well as immediately preceded by a symbol then that odd number is to be coded as 'X'.

(3) If the last element is an even number then the first element is to be coded as the code of that even number.

(4) If the second element is symbol then the code of that symbol is to be interchanged with the code of first element.

(Please Note : All the elements have to be counted from left to right to fulfil the conditions).

Q.21) @ ^ 2 * 4 3

- a) DPLMUS b) MPXDUS c) PDLMUS
d) MPLDUS e) PDXMUS

Ans: c

Exp:

@	^	2	*	4	3
↓	↓	↓	↓	↓	↓
P	D	L	M	U	S

Condition (iv) is applicable.

Q.22) 6 4 # % 9 &

- a) FUYZXJ b) YUFZQJ
c) FUYJXZ d) JUJYFQZ
e) YUFXQJ

Ans: a

Exp:

6	4	#	%	9	&
↓	↓	↓	↓	↓	↓
F	U	Y	Z	X	J

Condition (ii) is applicable.

Q.23) * 2 # @ 8 7

- a) LMYDUA b) YLMDUA
c) YLMXUA d) MXYDUA
e) MLYDUA

Ans: b

Exp:

*	2	#	@	8	7
↓	↓	↓	↓	↓	↓
Y	L	M	D	U	A

Q.24) & 4 % # 2 7

- a) UJZYLA b) JKZYLA
c) ZUJYUA d) ZUJYLA
e) JUZYLA

Ans: d

Exp:

&	4	%	#	2	7
↓	↓	↓	↓	↓	↓
Z	U	J	Y	L	A

Condition (i) applicable.

Q.25) + 9 5 # 6 8

- a) YQCRFU b) YQCYFU
c) UQCRXU d) QRCYFU
e) UQCYFU

Ans: e

Exp:

+	9	5	#	6	8
↓	↓	↓	↓	↓	↓
U	Q	C	Y	F	U

Condition (iii) is applicable.

D.26-30) Study the following information carefully and answer the questions given below

Seven persons L, K, L, M, P, Q and R are seated in a straight line facing north, with equal distance between each other but not necessarily in

the same order.

P sits third to the left of K. Q sits second to the right of K.

L sits third to right of R. R does not sit any of the extreme ends of the line.

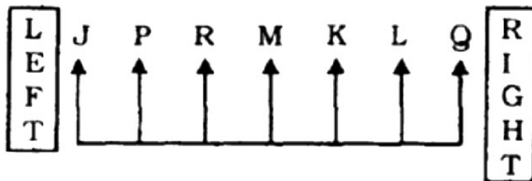
Only one person sits between R and J.

Q.26) What is the position of J with respect to P?

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

Ans: a

Exp:



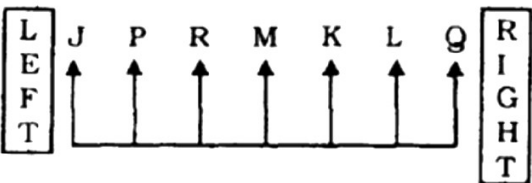
J sits to left of P. the immediate

Q.27) How many persons are seated between R and Q?

- a) Two
- b) Three
- c) None
- d) Four
- e) One

Ans: b

Exp:



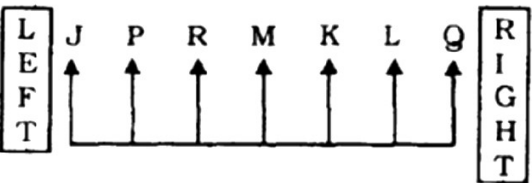
Three persons — M, K and L — are seated between R and Q.

Q.28) Who amongst the following sits to the immediate right of L?

- a) P
- b) J
- c) K
- d) Q
- e) M

Ans: d

Exp:



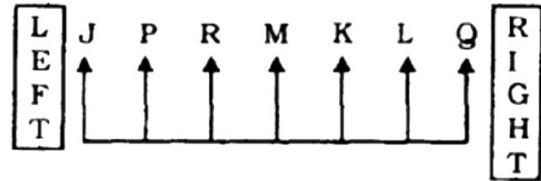
Q sits to the immediate right of L.

Q.29) Who amongst the following sits exactly in the middle of the line?

- a) J
- b) R
- c) P
- d) Q
- e) M

Ans: e

Exp:



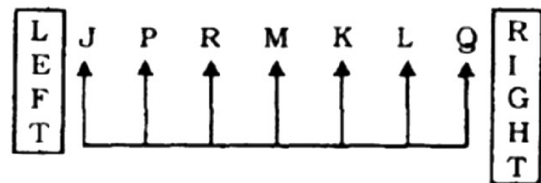
M sits exactly in the middle of the line

Q.30) Which of the following represents persons seated at two extreme ends of the line?

- a) K, Q
- b) L, P
- c) J, Q
- d) K, L
- e) P, K

Ans: c

Exp:



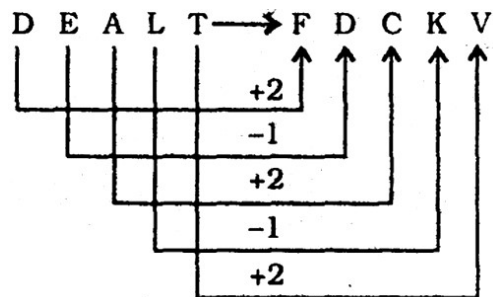
J and Q are seated at two extreme ends of the line.

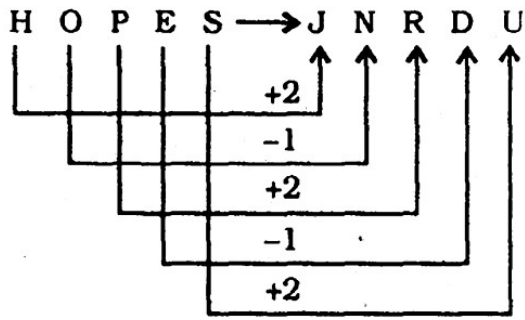
Q.31) In a certain code language, DEALT is coded as FDCKV and HOPES is coded as JNRDU. In the same code language, how will CHALK be coded as?

- a) EFGJM
- b) EGCKM
- c) BFCKU
- d) EGCJL
- e) BFCJM

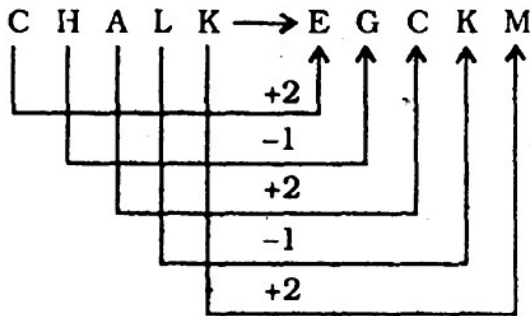
Ans: b

Exp:





Similarly,



Q.32) In a certain code language, 'very good dancers' is coded as '325'. Similarly 'good bike stunts' is coded as '734' and 'dancers doing stunts' is coded as '792'. What will be the code for 'doing' in the given code language?

- a) either '2' or '7' b) 2 c) 7
d) 9 e) either '7' or '9'

Ans: d

Exp:

Very good dancers → 3 2 5

good bike stunts → 7 3 4

dancers doing stunts → 7 9 2

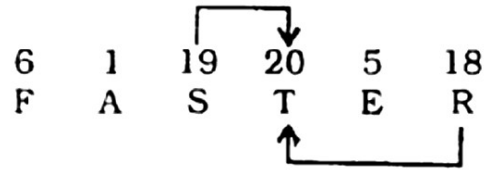
The code for 'doing' is '9'.

Q.33) How many such pairs of letters are there in the word **FASTER** each of which has as many letters between them in the word (in both forward and backward directions) as they have between them in the English alphabetical series?

- a) More than three b) None c) Two
d) One e) Three

Ans: c

Exp:



D.34-35) Study the following information carefully and answer the questions given below :

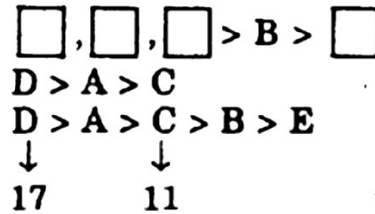
Five persons A, B, C, D and E have different numbers of flowers in their hands. B has more flowers than only one person. A has more flowers than C but less than D. C does not have the least number of flowers. The one who has the most number of flowers has 17 flowers. The one who has the third least number of flowers has 11 flowers.

Q.34) If C has 4 more flowers than B, then how many flowers does B have?

- a) 7 b) 15 c) 18 d) 13 e) 21

Ans: a

Exp:



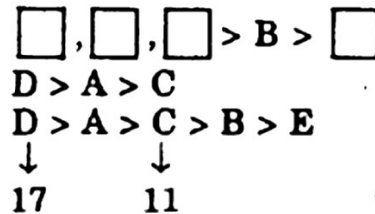
C has 11 flowers. So, B has 11-4 = 7 flowers

Q.35) Who amongst the following has the second most number of flowers?

- a) D b) A c) B d) E e) C

Ans: b

Exp:



A has the second ,most number of flowers.

QUANTITATIVE APTITUDE FOR ALL COMPETITIVE EXAMS

D.1-8) What value should come in place of the question mark (?) in the following question?

Q.1) $26\% \text{ of } 750 - 17\% \text{ of } 460 = ?$

- a) 122.7 b) 114.9 c) 107.7
d) 116.8 e) 126.8

Ans: d

Exp:

$$\begin{aligned} 26\% \text{ of } 750 - 17\% \text{ of } 460 &= ? \\ \Rightarrow ? &= \frac{26}{100} \times 750 - \frac{17}{100} \times 460 \\ \Rightarrow ? &= 195 - 78.2 = 116.8 \end{aligned}$$

Q.2) $(\sqrt{121} \times 25) \div 44 - ? = 1.25$

- a) 8 b) 6 c) 7
d) 5 e) None of these

Ans: d

Exp:

$$\begin{aligned} (\sqrt{121} \times 25) \div 44 - ? &= 1.25 \\ \Rightarrow (11 \times 25) \div 44 - 1.25 &= ? \\ \Rightarrow 6.25 - 1.25 &= ? \\ \Rightarrow ? &= 5 \end{aligned}$$

Q.3) $2530 \div ? \div 10 = 12.65$

- a) 25 b) 20 c) 31
d) 30 e) 40

Ans: b

Exp: $2530 \div ? \div 10 = 12.65$

$$\begin{aligned} \Rightarrow \frac{2530}{10 \times ?} &= 12.65 \\ \Rightarrow 2530 &= 126.5 \times ? \\ \Rightarrow ? &= 20 \end{aligned}$$

Q.4) $4 \times 5^2 - 3^2 \times 7 + 6^2 = ? + 24$

- a) 7^2 b) 8^2 c) 9^2

d) 4^2

e) 3^2

Ans: a

Exp:

$$\begin{aligned} 4 \times 5^2 - 3^2 \times 7 + 6^2 &= ? + 24 \\ \Rightarrow ? &= 4 \times 25 - 9 \times 7 + 36 - 24 \\ \Rightarrow ? &= 100 - 63 + 36 - 24 \\ \Rightarrow ? &= 49 \\ \Rightarrow ? &= 7^2 \end{aligned}$$

Q.5) $? = (5)^3 - 3 + (4)^2 + (7)^2$

- a) 185 b) 190 c) 191 d) 187 e) 201

Ans: d

Exp: $\begin{aligned} ? &= 5^3 - 3 + 4^2 + 7^2 \\ &= 125 - 3 + 16 + 49 \\ &= 187 \end{aligned}$

Q.6) $(840 \div 6 \div 4 + 79) - 1316 \div (19 \times 5 - 48) = ?$

- a) 611 b) 75 c) 86
d) -90 e) -95

Ans: c

Exp:

$$\begin{aligned} (840 \div 6 \div 4 + 79) - 1316 \div (19 \times 5 - 48) &= ? \\ \Rightarrow (35 + 79) - 1316 \div (47) &= ? \\ \Rightarrow (35 + 79) - 28 &= ? \\ \Rightarrow ? &= 86 \end{aligned}$$

Q.7) $\sqrt{361} \times \sqrt{256} \div 4 = ? \times \sqrt{1444}$

- a) 1 b) 2 c) 4 d) 5 e) 6

Ans: b

Exp:

$$\begin{aligned} \sqrt{361} \times \sqrt{256} \div 4 &= ? \times \sqrt{1444} \\ \Rightarrow 19 \times \frac{16}{4} &= ? \times 38 \\ \Rightarrow 19 \times 4 &= ? \times 38 \\ \Rightarrow ? &= 2 \end{aligned}$$

D.8-13) What will come in place of the question mark (?) in the following number series?

Q.8) 63, 83.5, ?, 130.5, 157, 185.5

- a) 98 b) 108.5 c) 106
d) 102 e) 126

Ans: c

Exp:

The pattern of the series is:

$$63 + 20.5 = 83.5$$

$$83.5 + 22.5 = 106$$

$$106 + 24.5 = 130.5$$

$$130.5 + 26.5 = 157$$

$$157 + 28.5 = 185.5$$

Thus, the missing number is 106.

Q.9) 400, 480, 600, 780, ?, 1474.2, 2137.59

- a) 896 b) 978.2 c) 1024.4
d) 1053 e) 1259

Ans: d

Exp:

$$400 \times 1.20 = 480$$

$$480 \times 1.25 = 600$$

$$600 \times 1.30 = 780$$

$$780 \times 1.35 = 1053$$

$$1053 \times 1.40 = 1474.2$$

$$1474.2 \times 1.45 = 2137.59$$

Q.10) 16, 17, 13, 22, 6, ?

- a) 33 b) 35 c) 31
d) 36 e) 28

Ans: c

Exp:

$$16 + 1^2 = 17$$

$$17 - 2^2 = 13$$

$$13 + 3^2 = 22$$

$$22 - 4^2 = 6$$

$$6 + 5^2 = 31$$

Q.11) 8.6, 10.9, 15.5, 24.7, 43.1, ?

- a) 79.9 b) 81.9 c) 79.7
d) 53.4 e) 83.5

Ans: a

Exp:

Pattern of the series is:

$$8.6 + 2.3 = 10.9$$

$$10.9 + 4.6 = 15.5$$

$$15.5 + 9.2 = 24.7$$

$$24.7 + 18.4 = 43.1$$

$$43.1 + 36.8 = 79.9$$

Hence, option A is correct.

Q.12) 15, 115, 126, 270, 283, 479, ?

- a) 536 b) 554 c) 584
d) 592 e) None of these

Ans: e

Exp:

$$15 + 10^2 = 115$$

$$115 + 11 = 126$$

$$126 + 12^2 = 270$$

$$270 + 13 = 283$$

$$283 + 14^2 = 479$$

$$479 + 15 = 494$$

Q.13) 4374, 1458, 486, 162, ?, 18, 6

- a) 54 b) 56 c) 58 d) 60 e) 62

Ans: a

Exp:

$$4374 \div 3 = 1458$$

$$1458 \div 3 = 486$$

$$486 \div 3 = 162$$

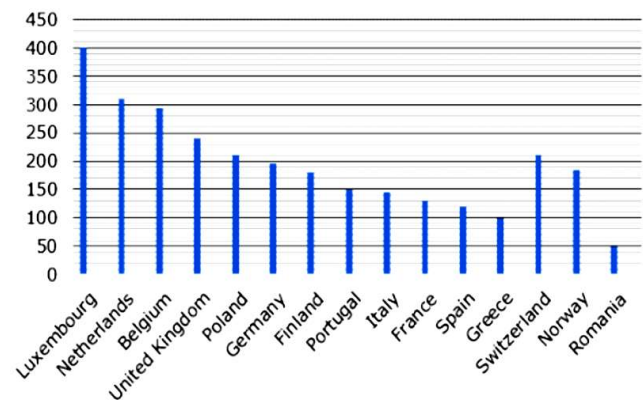
$$162 \div 3 = 54$$

$$54 \div 3 = 18$$

$$18 \div 3 = 6$$

D.14-19) Study the following information carefully and answer the questions that follow.

The following bar graph shows the fertilizer consumption (in kg/hectare) of countries in Europe.



Q.14) What is the average Fertilizer consumption of Germany, Romania and Netherlands?

- a) 185 kg/ha b) 205 kg/ha
c) 245 kg/ha d) 135 kg/ha
e) None of these

Ans: a

Exp:

Fertilizer consumption of Germany = 195 kg/ha

Fertilizer consumption of Romania = 50 kg/ha

Fertilizer consumption of Netherlands = 310 kg/ha

∴ Average consumption =

$$\frac{195 + 50 + 310}{3} = \frac{555}{3}$$

185 kg/ha

Hence, the correct option is option (A).

Q.15) What is the ratio of the Fertilizer consumption of Spain and France to that of the Fertilizer consumption of Switzerland?

- a) 21 : 25 b) 24 : 21
c) 21 : 24 d) 25 : 21
e) None of these

Ans: d

Exp:

Fertilizer consumption of Spain = 120 kg/ha

Fertilizer consumption of France = 130 kg/ha

Fertilizer consumption of Switzerland = 210 kg/ha

$$\therefore \text{Required Ratio} = \frac{120 + 130}{210} = \frac{250}{210} = \frac{25}{21}$$

Q.16) By what percentage is the Fertilizer consumption of Finland and Belgium together more or less than that of Portugal and Greece together?

- a) 66% more b) 54% less
c) 90% more d) 21% less
e) None of these

Ans: c

Exp:

Fertilizer consumption of Finland = 180 kg/ha

Fertilizer consumption of Belgium = 295 kg/ha

∴ Fertilizer consumption of Finland and Belgium = 475 kg/ha

Fertilizer consumption of Portugal = 150 kg/ha

Fertilizer consumption of Greece = 100 kg/ha

∴ Fertilizer consumption of Portugal and Greece = 250 kg/ha

$$\therefore \text{required percentage} = \frac{475 - 250}{250} \times 100 = 90\% \text{ more}$$

Q.17) What will be the Fertilizer consumption of United Kingdom, if it increases by 15%?

- a) 268 kg/ha b) 276 kg/ha c) 294 kg/ha
d) 300 kg/ha e) None of these

Ans: b

Exp: **Fertilizer consumption of United**

Kingdom = 240 kg/ha

$$\text{Increased consumption} = 240 + \frac{15}{100} \times 240$$

$$= 240 + 36$$

$$\therefore \text{Increased consumption} = 276 \text{ kg/ha}$$

Q.18) If Italy wants to reduce its Fertilizer consumption to 120 kg/ha, then what is the percentage reduction they need to achieve? (Approximate your answer)

- a) 17.24% b) 50% c) 72%
d) 36% e) None of these

Ans: a

Exp:

Fertilizer consumption of Italy = 145 kg/ha

∴ Percentage reduction =

$$\frac{145 - 120}{145} \times 100 = 17.24\%$$

Q.19) The Fertilizer consumption of Norway is what percentage of the Fertilizer consumption of Luxembourg?

- a) 61.65% b) 68.175% c) 89.31%
d) 27.43% e) 46.25%

Ans: e

Exp:

Fertilizer consumption of Norway = 185 kg/ha

Fertilizer consumption of Luxembourg = 400 kg/ha

$$\therefore \text{Required percentage} = \frac{185}{400} \times 100 = 46.25\%$$

Q.20) A bike goes 30 km and returns 20 km in 6 hour and 4 hour respectively. Find the average speed of the bike.

- a) 4 km/h b) 3 km/h c) 6 km/h
d) 2 km/h e) 5 km/h

Ans: e

Exp:

According to the question,

Average speed of the bike =

$$\frac{\text{Total distance travelled by bike}}{\text{Total time taken by the bike}}$$

Or, Average speed of the bike

$$= \frac{30 + 20}{6 + 4} = 5 \text{ km/h}$$

Therefore, average speed of the bike is 5 km/h

Q.21) Find the average of the roots of the quadratic equation $x^2 - 4 = 0$

- a) 2 b) -2 c) -1 d) -4 e) 0

Ans: e

Exp:

First we have to find the roots of the quadratic equation –

$$\text{Since, } x^2 - 4 = 0.$$

$$\text{Or, } x = \pm 2$$

Sum of the roots of the quadratic equation = $2 - 2 = 0$

Therefore, average of the roots of the quadratic equation is 0.

Q.22) The ratio of Principal and Amount after one year is 5 : 10, then the rate of interest per annum is?

- a) 50% b) 75% c) 100% d) 70% e) None of these

Ans: c

Exp: Let Principal = $5x$

$$\text{Amount} = 10x$$

$$\text{Therefore interest} = (10x - 5x) = 5x$$

$$\begin{aligned} \text{Rate of Interest per annum} &= \frac{5x}{5x} \times 100 \\ &= 100\% \end{aligned}$$

Q.23) The ratio of ages of Amit and Ruhi is 2 : 3. The sum of their ages is 20 years. Find Amit's present age.

- a) 12 years b) 10 years c) 8 years
d) 6 years e) None of these

Ans: c

Exp:

Let the present age of Amit and Ruhi be $2x$ and $3x$ years respectively.

Using the data provided in the question, we get

$$2x + 3x = 20$$

$$\Rightarrow 5x = 20$$

$$\Rightarrow x = 4$$

$$\text{Present age of Amit} = 2x = 2 \times 4 = 8 \text{ years}$$

Q.24) Selling price of an item is four times the cost price of an item. Find the profit percentage.

- a) 400% b) 350% c) 300%
d) 250% e) 200%

Ans: c

Exp:

Let the cost price of an item be x

$$\text{Selling price of an item} = 4x$$

$$\text{Profit percentage} = \frac{\text{SP} - \text{CP}}{\text{CP}} \times 100$$

$$= \frac{4x - x}{x} \times 100 = 300\%$$

Q.25) 18 boys working 8 hours a day can complete a piece of work in 12 days. In how many days can 12 boys working for 6 hours a day can complete the same piece of work ?

- a) 12 days b) 24 days c) 36 days
d) 18 days e) 6 days

Ans: b

Exp:

Let the number of required days be x

Using the data provided in the question, we get

$$18 \times 8 \times 12 = 12 \times 6 \times x$$

$$\Rightarrow x = \frac{144}{6} = 24 \text{ days}$$

D.26-31) What value should come in place of the question mark (?) in the following question?

Q.26) ?% of 658 + 40% of 845 = 568.3

- a) 46 b) 42 c) 38
d) 35
e) None of these

Ans: d

Exp:

$$?\% \text{ of } 658 + 40\% \text{ of } 845 = 568.3$$

$$\Rightarrow \frac{?}{100} \times 658 + \frac{40}{100} \times 845 = 568.3$$

$$\Rightarrow ? \times 658 + 40 \times 845 = 56830$$

$$\Rightarrow ? \times 658 = 56830 - 33800$$

$$\Rightarrow ? = 35$$

Q.27) $4895 + 364 \times 0.75 - 49 = ?$

- a) 5119 b) 3895 c) 3907
d) 5210
e) None of these

Ans: a

Exp:

$$4895 + 364 \times 0.75 - 49 = ?$$

$$\Rightarrow 4895 + 273 - 49 = ?$$

$$\Rightarrow ? = 5119$$

Q.28) $35\% \text{ of } 3200 + 12.5\% \text{ of } 3600 + \sqrt{?}$

$$\sqrt{?} = 41^2 - 100$$

- a) 121 b) 1331 c) 11
d) 144 e) None of these

Ans: a

Exp:

$$35\% \text{ of } 3200 + 12.5\% \text{ of } 3600 + \sqrt{?}$$

$$= 41^2 - 100$$

$$\Rightarrow 1120 + 450 + \sqrt{?}$$

$$= 1581$$

$$\Rightarrow \sqrt{?}$$

$$= 11$$

$$\Rightarrow ? = 121$$

Q.29) $(2222 \div 20) + (945 \div 15) + (676 \div 26) = ?$

- a) 200.1 b) 205.3
c) 207.7 d) 204.5
e) None of these

Ans: a

Exp:

$$(2222 \div 20) + (945 \div 15) + (676 \div 26) = ?$$

$$\Rightarrow ? = 111.1 + 63 + 26$$

$$= 200.1$$

Q.30) $666.66 + 66.66 + 6.66 + 6.00 + 0.66 = ?$

- a) 746.64 b) 764.64
c) 766.64 d) 744.64
e) None of these

Ans: a

Exp:

$$? = 666.66 + 66.66 + 6.66 + 6.00 + 0.66 = 746.64$$

Q.31) $\sqrt{?} = \sqrt{15625} \div \sqrt{625}$

- a) 25 b) 105
c) 125 d) 625
e) None of these

Ans: a

$$\text{Exp: } \sqrt{?} = \sqrt{15625} \div \sqrt{625}$$

$$\Rightarrow \sqrt{?} = \sqrt{\frac{15625}{625}}$$

$$\Rightarrow \sqrt{?} = \sqrt{25}$$

$$\Rightarrow ? = 25$$

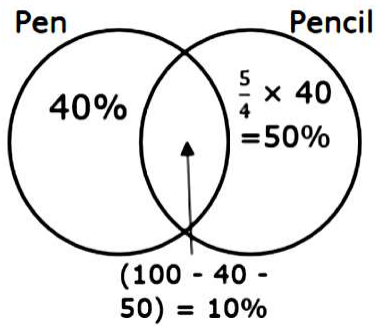
D.32-35) A shopkeeper sells only two items – pens and pencils. On a certain Tuesday, the shopkeeper sold only pens to 40% of the customers. The number of customers that bought only pencil was 20 more than the number of customers that bought both pencil and pen. The number of customers that bought only pencil is $\frac{5}{4}$ th of the number of customers that bought only pens.

Q.32) What was the total number of customers that shopped from the shopkeeper on Tuesday?

- a) 40 b) 50
c) 60 d) 80
e) 100

Ans: b

Exp:



Number of people that purchased only pencil

– Number of people that

purchased both pencil and pen = 20

$$= 50\% - 10\% = 40\%$$

$$\text{Thus, total number of customer} = \frac{20}{0.4} = 50$$

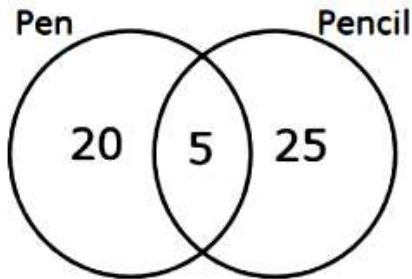
Number of people that purchased only pen = 20

Number of people that purchased only

$$\text{pencil} = \frac{5}{4} \times 20 = 25$$

Number of people that purchased both pen

$$\text{and pencil} = 50 - (20 + 25) = 5$$



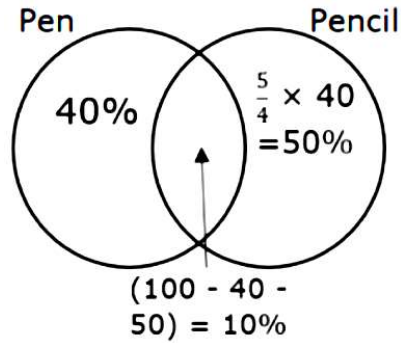
Total number of customers that shopped from the shopkeeper on Tuesday = 50

Q.33) Find the number of customers that bought pens on Tuesday.

- a) 15 b) 20 c) 25
d) 30 e) 40

Ans: c

Exp:



Number of people that purchased only pencil

– Number of people that

purchased both pencil and pen = 20 = 50% – 10% = 40%

$$\text{Thus, total number of customer} = \frac{20}{0.4} = 50$$

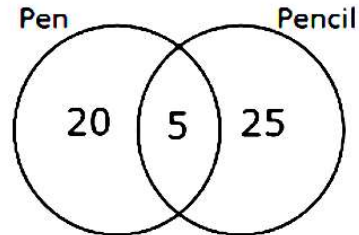
Number of people that purchased only pen = 20

Number of people that purchased only pencil

$$= \frac{5}{4} \times 20 = 25$$

Number of people that purchased both pen and

$$\text{pencil} = 50 - (20 + 25) = 5$$



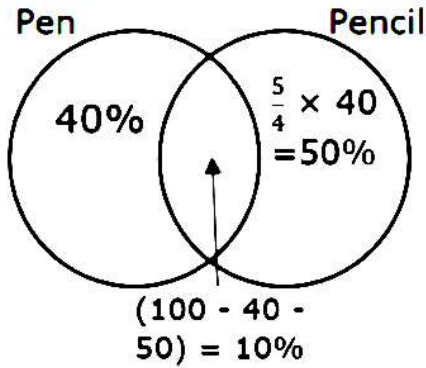
Number of customers that bought pens on Tuesday = 20 + 5 = 25

Q.34) The number of customers that bought only pencil are what percentage of total number of customers on Tuesday?

- a) 40%
b) 50%
c) 60%
d) 80%
e) None of these

Ans: b

Exp:



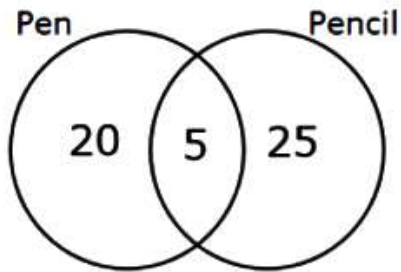
Number of people that purchased only pencil
– Number of people that
purchased both pencil and pen = $20 = 50\% - 10\% = 40\%$

Thus, total number of customer = $\frac{20}{0.4} = 50$

Number of people that purchased only pen = 20

Number of people that purchased only pencil
= $\frac{5}{4} \times 20 = 25$

Number of people that purchased both pen and
pencil = $50 - (20 + 25) = 5$



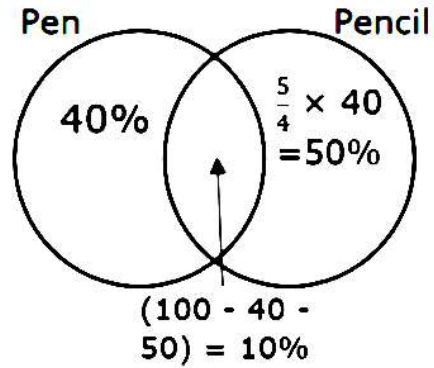
Required percentage = $\frac{25}{50} \times 100 = 50\%$

Q.35) The number of customers that bought only pen are how much less than the number of customers that bought pencils on Tuesday?

- a) 25
- b) 20
- c) 15
- d) 10
- e) 5

Ans: d

Exp:



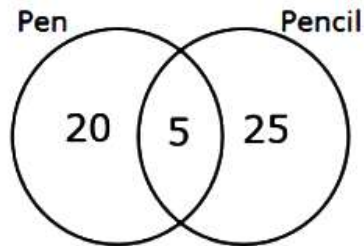
Number of people that purchased only pencil
– Number of people that
purchased both pencil and pen = $20 = 50\% - 10\% = 40\%$

Thus, total number of customer = $\frac{20}{0.4} = 50$

Number of people that purchased only pen = 20

Number of people that purchased only pencil
= $\frac{5}{4} \times 20 = 25$

Number of people that purchased both pen and
pencil = $50 - (20 + 25) = 5$



Required difference = $25 + 5 - 20 = 10$

Q.36) In what ratio must water be mixed with milk costing Rs. 20 per litre to get a mixture worth Rs. 16 per litre? (Assume that water as available at free of cost)

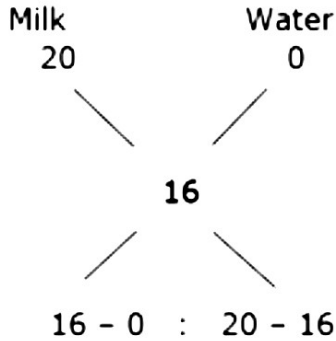
- a) 1 : 2
- b) 4 : 1
- c) 1 : 4
- d) 2 : 1
- e) 5 : 4

Ans: c

Exp:

Cost price of 1 liter of milk is Rs.20 and cost price of 1 liter of water is Rs. 0.

Apply alligation:



Ratio of milk to water = $16 : 4 = 4 : 1$

Thus ratio of water to milk = $1 : 4$

Q.37) Three numbers A, B and C are such that $A : B = 7 : 9$ and $B : C = 3 : 2$. If $B = 45$, then find the sum of all three numbers.

- a) 95 b) 110 c) 115 d) 125 e) None of these

Ans: b

Exp:

According to question,

$$A : B : C = 7 : 9 : 6$$

$$\text{Desired sum} = \frac{22}{9} \times 45 = 110$$

Q.38) If Meeta's salary is 40% more than the salary of Sarita, then find the salary of Sarita is how much percentage less than that of Meeta's salary?

- a) $28 \frac{4}{7}\%$ b) $20 \frac{1}{7}\%$ c) $28 \frac{2}{7}\%$
d) $30 \frac{4}{7}\%$ e) None of these

Ans: a

Exp:

Let Sarita's salary be Rs. $100x$

Meeta's Salary = $140x$

$$\text{Required percent} = \frac{40x}{140x} \times 100 = 28 \frac{4}{7}\%$$

Hence, the correct answer is option A.

Q.39) One pipe can fill a tank three times as fast as another pipe. If together the two pipes can fill the tank in 15 minutes, then the faster alone will be able to fill the tank in:

- a) 18 minutes b) 30 minutes
c) 24 minutes d) 20 minutes
e) None of these.

Ans: d

Exp:

Let faster pipe filled 3 units and slower pipe filled 1 unit in 1 minutes.

In 1 minute both pipe filled = $3 + 1 = 4$ units.

Total capacity of tank = $4 \times 15 = 60$ units.

Time taken by faster pipe to filled the tank = $60 \div 3 = 20$ minutes

Q.40) The ratio of profit received by Tarun and Tajika in a business is $3 : 4$. If they invested the sum for the period of 7 months and 10 months respectively. What is the ratio of their investments?

- a) $1 : 1$
b) $15 : 13$
c) $16 : 14$
d) $15 : 14$
e) None of these

Ans: d

Exp:

Using the data provided in the question, we get

Ratio of investments by Tarun and Tajika

$$= \frac{3}{7} : \frac{4}{10} = 30 : 28 = 15 : 14$$

Hence, D is the correct option

REASONING FOR ALL COMPETITIVE EXAMS

D.1-5) Study the following sequence carefully and answer the questions given below:

P 7 O 4 T R 5 A 3 G 6 F D 2 E W 3 K 1 L 4 M O U 5 C X 8 Z
I 9 N S 5 Q 7 Y

Q.1) Which amongst the following element is the fifteenth to the right of the fifteenth element from the left end?

- a) Z b) I c) 9
d) N e) None of these

Ans: b

Exp:

Clearly, 'I' is 15th to the right of 15th element from the left end.

Q.2) How many elements are there between G and the element which is to the immediate right of X?

- a) Nineteen b) Eighteen
c) Sixteen d) Seventeen
e) None of these

Ans: d

Exp:

Clearly, there are seventeen elements between G and the element which is to the immediate right of X.

Q.3) How many numbers are there which are immediately preceded by a consonant and immediately followed by a number?

- a) None b) Two c) One
d) More than two e) None of these

Ans: a

Exp:

Clearly, there is no number which is immediately preceded by a consonant and immediately followed by a number.

Q.4) What is the position of 'F' with respect to the one which is second to the left of 'O'?

- a) Seventh to the right

b) Eighth to the left

c) Ninth to the left

d) Eighth to the right

e) None of these

Ans: c

Exp:

Clearly, 'F' is ninth to the left of the one which is second to the left of 'O'.

Q.5) How many vowels are there which are immediately preceded by and immediately followed by a number?

- a) One b) Three
c) Four d) Five
e) None of these

Ans: b

Exp:

7 O 4, 5 A 3, O U 5

Clearly, there are three vowels which are immediately preceded by and immediately followed by a number.

D.6-10) Study the following information carefully and then answer the questions given below.

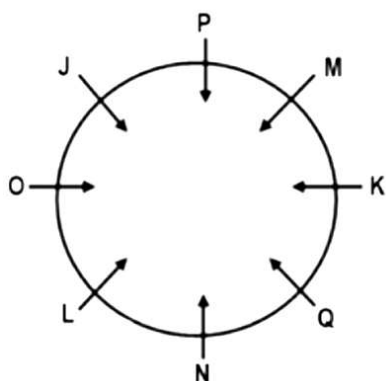
Eight family members – J, K, L, M, N, O, P and Q are sitting around a circular table (not necessarily in the same order) and having dinner. N is sitting between L and Q. P is sitting fifth to the left of Q. O is neither an immediate neighbor of P nor of Q. M is sitting second to the left of J. K is neither an immediate neighbor of J nor of P.

Q.6) Which of the following position of K is correct as per the given information?

- a) K is sitting second to the left of O
b) K is sitting exactly opposite to P
c) K is sitting immediate right to M
d) K is sitting second to the right of N
e) K is sitting immediate left to Q

Ans: d

Exp:

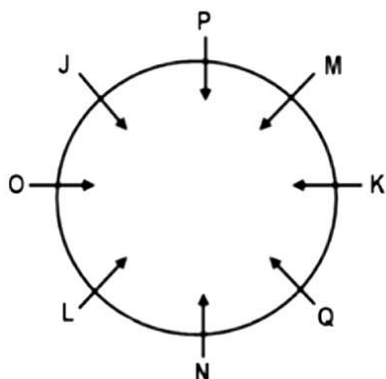


Q.7) Who is/are the immediate neighbour/s of O?

- a) J b) K c) L
d) Both K and L e) Both J and L

Ans: e

Exp:

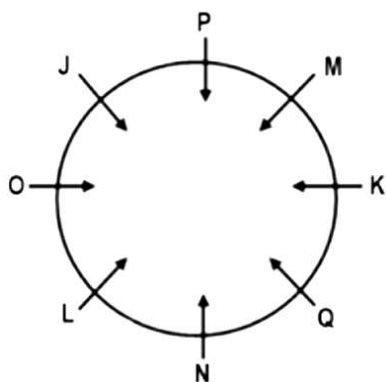


Q.8) Who is sitting exactly between L and Q?

- a) J b) K c) M
d) N e) O

Ans: d

Exp:



Q.9) Who among the following pair is the odd one?

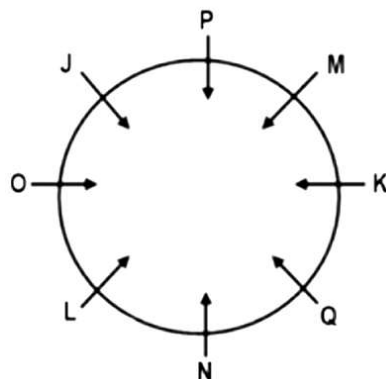
- a) MN b) ON c) PO

d) QM

e) KN

Ans: a

Exp:

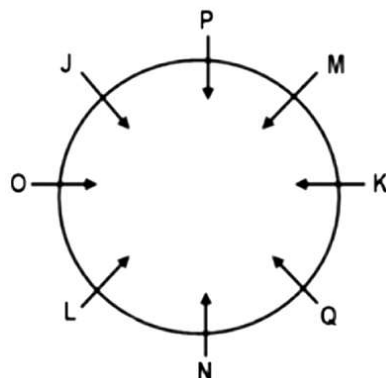


Q.10) Which of the following statement is not true as per the given information?

- a) K is sitting exactly opposite to O
b) Three persons are sitting between J and Q
c) P is sitting fifth to the left of Q
d) M is sitting fifth to the right of O
e) N is sitting fifth to the right of J

Ans: e

Exp:



D.11-15) In each of the questions below are given three statements, followed by conclusions I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Q.11) Statements:

Only a few pens are pencils.

All pencils are sharp.

Only a few sharps are thin.

Conclusions:

I. A few pens are thin is a possibility.

II. Only pens are sharps.

a) Only conclusion I follows.

b) Only conclusion II follows.

c) Either conclusion I or conclusion II follows.

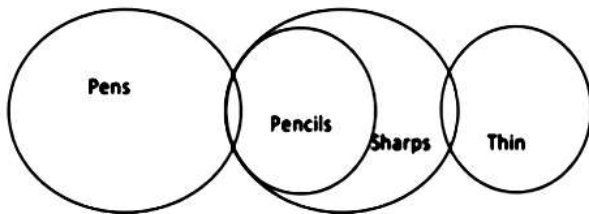
d) Neither conclusion I nor conclusion II follows.

e) Both conclusions I and II follow.

Ans: a

Exp:

The only possible Venn diagram for the given statements is as follows:



Conclusions:

I. A few pens are thin is a possibility → It's sure, hence true.

II. Only pens are sharps → It not possible, hence false.

Thus only A follows.

Q.12) Statements:

Few bikes are cruiser

All racers are cruisers.

Only a few racers are cycles.

Conclusions:

I. Few cruisers are cycles.

II. Few cruisers are racers.

a) Only conclusion I follows

b) Only conclusion II follows

c) Either conclusion I or conclusion II follows

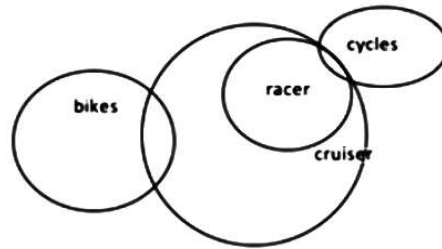
d) Neither conclusion I nor conclusion II follows

e) Both conclusions I and II follow

Ans: e

Exp:

The only possible Venn diagram for the given statements is as follows:



Conclusions:

I. few cruisers are cycles → It's sure, hence true.

II. Few cruisers are racers → It's sure, hence true.

Hence, option E follows

Q.13) Statements:

Few books are new.

Only red are books.

No new is old.

Conclusions:

I. Few olds are red is a possibility.

II. No book is old.

a) Only conclusion I follows

b) Only conclusion II follows

c) Either conclusion I or conclusion II follows

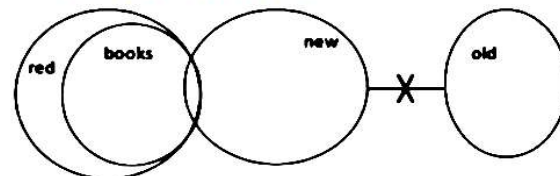
d) Neither conclusion I nor conclusion II follows

e) Both conclusions I and II follow

Ans: a

Exp:

The only possible Venn diagram for the given statements is as follows:



Conclusions:

I. Few olds are red is a possibility → It's sure, hence true.

II. No book is old → It's not sure, hence false.

Hence, option A follows.

Q.14)

Statements:

Most boys are tough.

Few toughs are girls.

Only girls are hard.

Conclusions:

I. Few boys are girls is a possibility.

II. Few toughs are hard.

a) Only conclusion I follows

b) Only conclusion II follows

c) Either conclusion I or conclusion II follows

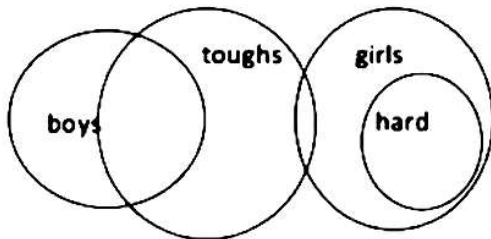
d) Neither conclusion I nor conclusion II follows

e) Both conclusions I and II follow

Ans: a

Exp:

The only possible Venn diagram for the given statements is as follows:



Conclusions:

I. Few boys are girls in a possibility → It's sure, hence true.

II. few toughs are hard → It's not sure, hence false.

Hence, option A follows.

Q.15)

Statements:

A few matches are won.

No won is lose.

Only counts are losses.

Conclusions:

I. Few matches are counts is a possibility.

II. Many won are count is a possibility.

a) Only conclusion I follows

b) Only conclusion II follows

c) Either conclusion I or conclusion II follows

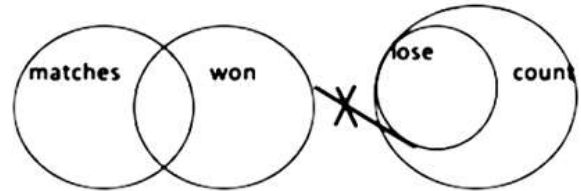
d) Neither conclusion I nor conclusion II follows

e) Both conclusions I and II follow

Ans: e

Exp:

The only possible Venn diagram for the given statements is as follows:



Conclusions:

I. Few matches are counts is a possibility →

It's sure, hence true.

II. Many won are count is a possibility →

It's sure, hence true.

Hence, option E follows.

D.16-20) Study the following information and answer the given questions.

Six people A, B, C, D, E and F attend an examination on six different days of a week. One of the seven days is a holiday. B attends the examination on Monday. Only E and F attend the examination after the holiday. A attends the examination two days before the holiday. Neither Saturday nor Sunday is a holiday. D doesn't attend the examination on Thursday. F is not the person who attends the examination right after C.

Q.16) Which day is the holiday?

a) Tuesday

b) Wednesday

c) Thursday

d) Friday

e) None of the above

Ans: d

Exp:

Days	Persons
Monday	B
Tuesday	D
Wednesday	A
Thursday	C
Friday	Holiday
Saturday	E
Sunday	F

Q.17) Who among the following attends the examination on Tuesday?

- a) A b) D c) C
d) B e) None of the above

Ans: b

Exp:

Days	Persons
Monday	B
Tuesday	D
Wednesday	A
Thursday	C
Friday	Holiday
Saturday	E
Sunday	F

Q.18) Who among the following attends the examination on Sunday?

- a) E b) F c) None
d) C e) A

Ans: b

Exp:

Days	Persons
Monday	B
Tuesday	D
Wednesday	A
Thursday	C
Friday	Holiday
Saturday	E
Sunday	F

Q.19) On which day, does C attend the examination?

- a) Sunday b) Monday c) Tuesday

d) Wednesday e) Thursday

Ans: e

Exp:

Days	Persons
Monday	B
Tuesday	D
Wednesday	A
Thursday	C
Friday	Holiday
Saturday	E
Sunday	F

Q.20) Which pair of the following is false?

- a) E – Saturday b) D – Tuesday
c) A – Thursday d) Friday – Holiday
e) F – Sunday

Ans: c

Exp:

Days	Persons
Monday	B
Tuesday	D
Wednesday	A
Thursday	C
Friday	Holiday
Saturday	E
Sunday	F

D.21-22) Study the data carefully and answer the questions accordingly.

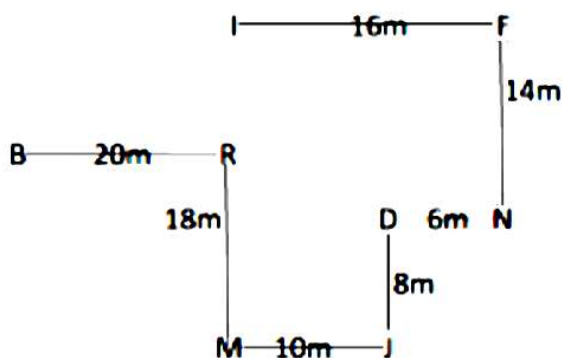
R is 18m north of M. M is 10m west of J. J is 8m south of D. N is 6m east of D. F is 14m north of N. I is 16m west of F. B is 20m west of R.

Q.21) Point I is in which direction of point M and what is the distance between them?

- a) South, 30m
b) North, 25m
c) South, 24m
d) North, 22m
e) None of these

Ans: d

Exp:

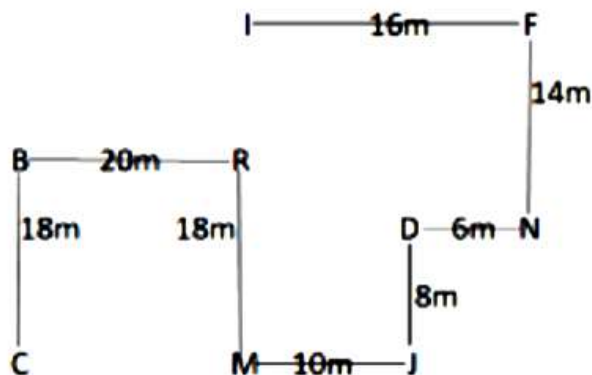
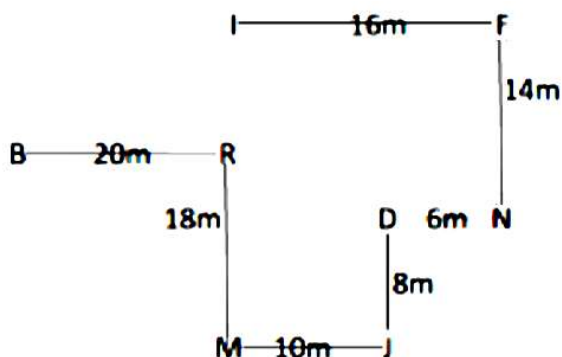


Q.22) If C is 18m south of B then what is the distance between J and C?

- a) 50m b) 40m c) 25m
d) 30m e) None of these

Ans: d

Exp:



Q.23) If it is possible to make only one meaningful word with the second, third, sixth and eighth letters of the word BASEMENT, which of the following will be the third letter of that word. If no such word can be made, give 'X' as your answer and if more than one such word can be formed, give 'Y' as the answer
a) X b) Y c) T d) N e) R

Ans: b

Exp:

In the word BASEMENT, second, third, sixth and eighth letters are A, S, E and T. From these letters, meaningful words will be SEAT and EAST. Hence Y will be the answer since more than one such word can be formed.

Hence, option B is the correct answer.

D.24-28) Study the following data carefully and answer the questions accordingly.

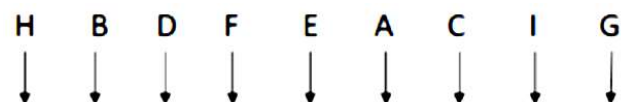
Nine people A, B, C, D, E, F, G, H, and I are sitting in a row facing south. E sits in the middle. Three people sit between E and G. Six people sit between G and B. Three people sit between B and A. F sits second to the right of A. I sits fourth to the left of F. I and E are not immediate neighbors. B and C are not neighbors. H sits to the right of D.

Q.24) How many of them are sitting between H and A?

- a) Five b) Three c) Four
d) Seven e) None of these

Ans: c

Exp:

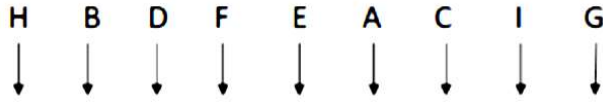


Q.25) Who is sitting fourth to the right of G?

- a) C b) A c) E
d) F e) Can't be determined

Ans: c

Exp:

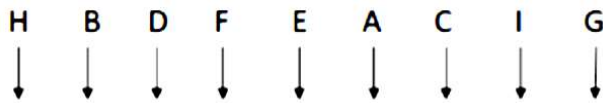


Q.26) Who among the following are sitting at the ends?

- a) H, C b) B, G c) G, H
d) H, I e) None of these

Ans: c

Exp:

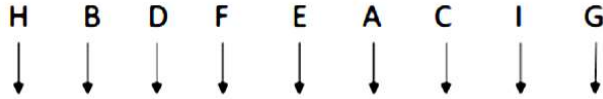


Q.27) How many of them are sitting to the right of C?

- a) Six b) Three c) Five
d) Four e) None of these

Ans: a

Exp:



Q.28) Who is sitting between D and E?

- a) B b) G c) A
d) F e) None of these

Ans: d

Exp:



D.29-31) In the following question, assuming the given statements to be true, find which of the following options holds true.

Q.29)

Statements:

$L < P > R < K < B \leq C, L < D$

Conclusions:

- I. $D > P$ II. $C > R$

a) Only conclusion I follows

b) Only conclusion II follows

c) Either conclusion I or conclusion II follows

d) Neither conclusion I nor conclusion II follows

e) Both conclusion I and conclusion II follow

Ans: b

Exp:

Given statement –

$L < P > R < K < B \leq C, L < D$

Conclusions:

For conclusion I, $L < P, L < D, D > L < P$

I. $D > P$ (there is no relation between D & P)

For conclusion II, $R < K < B \leq C$

II. $C > R$ (it is clear that C is greater than R)

Hence, conclusion II follow

Q.30)

Statements:

$F > E \leq N < K = B > A \geq G; R = B \leq M$

Conclusions:

I. $E > A$

II. $N < M$

a) Only conclusion I is true

b) Only conclusion II is true

c) Either conclusion I or II is true

d) Neither conclusion I nor II is true

e) Both conclusion I and II are true

Ans: b

Exp:

I. $E \leq F < K = B > A$ (False)

II. $N < K = B \leq M$ (True)

Q.31)

Statements:

$A \leq C = D < F; D \leq K$

Conclusions:

I. $K > A$ II. $K = A$

a) Only conclusion I is true

b) Only conclusion II is true

c) Either conclusion I or II is true

- d) Neither conclusion I nor II is true
e) Both conclusion I and II is are true

Ans: c

Exp:

$K \geq D = C \geq A$ (False)

$K > A$ or $K = A$. Option 3

Therefore, Option 'C' is correct answer.

Q.32) If each of the vowels in the word WEQIL is kept unchanged and each of the consonants is replaced by the next letter in English alphabet, how many meaningful words can be formed with the new letters using each letter only once in each word?

- a) None b) One
c) Two d) Three
e) More than three

Ans: c

Exp:

New word = XERIM

Meaningful words using X, E, R, I and M = Remix, Mixer

D.33-35) Read the following information carefully and answer the questions given below.

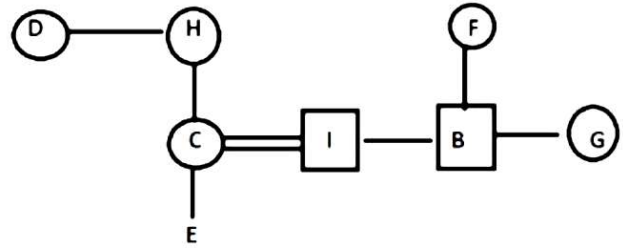
A three-generation family consists of eight members B, C, D, E, F, G, H and I. C is the mother of E. B is the brother-in-law of C. B is the child of F who is the mother of G. D is the maternal aunt of C. I is the son-in-law of H. Only one child of F is married.

Q.33) What is the relation of B with respect to E?

- a) Aunt
b) Uncle
c) Father
d) Mother
e) None of these

Ans: b

Exp:

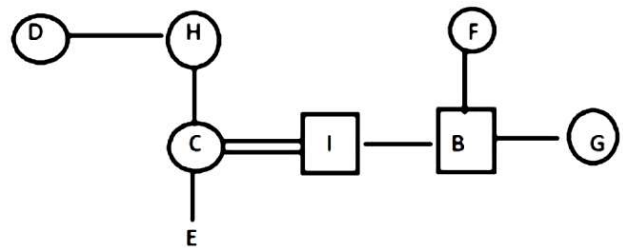


Q.34) How many female members are there in the family?

- a) Two b) Three c) One
d) Four e) Cannot be determined

Ans: e

Exp:

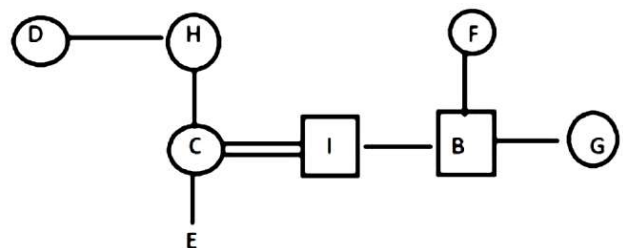


Q.35) If N is the husband of H, then what is the relation of N with respect to I?

- a) Aunt
b) Mother-in-law
c) Sister-in-law
d) Father-in-law
e) None of these

Ans: d

Exp:



D.36-40) Study the following data carefully and answer the questions accordingly.

Eight people R, S, T, U, V, W, X, and Y live in an eight-story building but not necessarily in the same

order. The ground floor is numbered 1 and the top floor is numbered 8. Three people live between V and S. Four people live between S and R. Two people live between R and T. Two people live between T and Y. Y is neither at the bottom nor on the top. W lives above T but not immediately above. U lives above X.

Q.36) Who lives on the ground floor?

- a) W b) V c) R
d) U e) None of these

Ans: c

Exp:

8	W
7	Y
6	S
5	U
4	T
3	X
2	V
1	R

Q.37) Who lives between Y and U?

- a) V b) T c) S
d) X e) None of these

Ans: c

Exp:

8	W
7	Y
6	S
5	U
4	T
3	X
2	V
1	R

Q.38) Who lives on the third floor?

- a) Y b) R c) V
d) X e) None of these

Ans: d

Exp:

8	W
7	Y
6	S
5	U
4	T
3	X
2	V
1	R

Q.39) How many people live above T?

- a) Five b) Four c) Six
d) Three e) None of these

Ans: b

Exp:

8	W
7	Y
6	S
5	U
4	T
3	X
2	V
1	R

Q.40) Find the odd one.

- a) R, X b) U, Y c) X, S
d) V, T e) S, W

Ans: c

Exp:

8	W
7	Y
6	S
5	U
4	T
3	X
2	V
1	R

నేషనల్ న్యూస్

అత్యుత్తమ ప్రధానిగా మోదీ

◆ దేశంలోనే అత్యుత్తమ ప్రధానిగా సరేంద్ర మోదీ నిలిచారు. 44 శాతం ప్రజాదరణతో ఆయన అగ్రస్థానం సాధించారు. మూడే ఆఫ్ ద నేషన్ పేరుతో ఇండియా టుడే నిర్వహించిన సర్వే ఈ విషయాన్ని తేల్చింది. దేశంలోని అన్ని లోక్ సభ స్థానాల నుంచి మొత్తం 35,801 మందిని సర్వే చేశామని ఆ సంస్థ వెల్లడించింది. ఇందులో 15 శాతంతో వాజ్ పేయీ రెండో స్థానంలో, 14 శాతంతో ఇందిరాగాంధీ మూడో స్థానంలో, 11 శాతంతో మన్మోహన్ సింగ్ నాలుగో స్థానంలో నిలిచారని వెల్లడించింది.

◆ దేశంలో అత్యంత ప్రజాదరణ కలిగిన ముఖ్యమంత్రుల జాబితాలో ఒడిశా సీఎం నవీన్ పట్నాయక్ అగ్ర స్థానంలో నిలిచారు. ఉత్తరప్రదేశ్ సీఎం యోగి ఆదిత్యనాథ్ రెండో స్థానంలో నిలిచారు. నవీన్ పట్నాయక్ కు 52.7 శాతం ప్రజాదరణ ఉంది. యోగి ఆదిత్యనాథ్ కు 51.3 శాతం ఆదరణ ఉంది. అస్సాం సీఎం హిమంత బిశ్వశర్మ 48.6 శాతం ప్రజాదరణతో మూడో స్థానంలో ఉన్నారు. 42.6 శాతంతో గుజరాత్ ముఖ్యమంత్రి భూపేంద్ర పటేల్ నాలుగో స్థానంలో నిలవగా, త్రిపుర సీఎం మాణిక్ సాహా 41.4 శాతం ప్రజాదరణతో ఐదో స్థానం దక్కించుకున్నారు. 41.1 శాతం ప్రజాదరణతో గోవా సీఎం ప్రమోద్ సావంత్ ఆరో స్థానంలో, 40.1 శాతంతో ఉత్తరాఖండ్ సీఎం పుష్కర్ సింగ్ ధామి ఏడో స్థానంలో, 36.5 శాతంతో దిల్లీ సీఎం కేజ్రీవాల్ ఎనిమిదో స్థానంలో 35.8 శాతంతో తమిళనాడు ముఖ్యమంత్రి స్టాలిన్ తొమ్మిది, 32.8 శాతంతో బెంగాల్ సీఎం మమతా బెనర్జీ పదో స్థానంలో నిలిచారు.

ఫిరాయింపుల నిరోధక చట్టం సమీక్షకు కమిటీ

◆ ఫిరాయింపుల నిరోధక చట్టంపై సమీక్షకు మహారాష్ట్ర అసెంబ్లీ స్పీకర్ రాహుల్ సర్వేకర్ నేతృత్వంలో ఒక కమిటీని ఏర్పాటు చేస్తున్నట్లు లోక్ సభ స్పీకర్ ఓంబిర్లా

28-01-2024న ప్రకటించారు. ఆల్ ఇండియా ప్రిసైడింగ్ అధికారుల 84వ వార్షిక సమావేశంలో ఆయన ఇటీవల దేశంలోని కొన్ని రాష్ట్రాలలో చోటు చేసుకున్న రాజకీయ పరిణామాలను ప్రస్తావించారు. రాజ్యాంగంలోని పదో షెడ్యూల్ లో పొందుపరిచిన ఫిరాయింపుల నిరోధక చట్టం ప్రకారం వివిధ పార్టీలకు చెందిన ప్రజాప్రతినిధులు వేరొక పార్టీలోకి చేరినా, లేదా సొంత పార్టీ ఆదేశాలకు వ్యతిరేకంగా ఓటు వేసినా తమ పదవికి అనర్హులవుతారు. అయితే ఒక పార్టీకి చెందిన వారిలో మూడింట రెండు వంతుల మంది. మరో పార్టీలో విలీనం అయితే వారిపై అనర్హత వేటు పడదు.

రాజ్యసభకు చండీగఢ్ వర్చిటీ వ్యవస్థాపక చాన్సలర్

◆ చండీగఢ్ యూనివర్సిటీ వ్యవస్థాపక చాన్సలర్ సత్నామ్ సింగ్ సంధూ 30-01-2024న రాజ్యసభకు నామినేట్ అయ్యారు. ఆయనను రాష్ట్రపతి రాజ్యసభకు నామినేట్ చేసినట్లు కేంద్ర హోంశాఖ తెలిపింది. ఓ రైతు ఇంట జన్మించిన సంధూ చదువు, కోసం ఎన్నో కష్టనష్టాలు ఎదుర్కొని దేశంలోని ప్రముఖ విద్యావేత్తగా ఎదిగినట్లు పేర్కొంది. మొహాలీలోని లాండ్రన్ లో 2001లో చండీగఢ్ గ్రూప్ ఆఫ్ కాలేజెస్ ను, 2012లో చండీగఢ్ యూనివర్సిటీని ఏర్పాటు చేశారని వివరించింది.

'సాదీ'లో భారత కాన్సుల్ జనరల్ గా ఫహాద్ అహ్మద్

◆ సాదీ అరేబియాలోని జెద్దాలో భారత కాన్సుల్ జనరల్ గా కర్నూలుకు చెందిన ఫహాద్ అహ్మద్ సూరి నియమితులయ్యారు. 2014 ఐఎఫ్ ఎస్ బ్యాచ్ కు చెందిన ఫహాద్ ప్రస్తుతం కేంద్ర వాణిజ్య శాఖలో విధులు నిర్వహిస్తూ మధ్య ప్రాచ్యంలోని దేశాలతో భారత ఎగుమతులు, దిగుమతుల వ్యవహారాలను పరిశీలిస్తున్నారు. అంతకుముందు ఆయన కువైట్ లోని భారత ఎంబసీలో పనిచేశారు. కరోనా సంక్షోభం సమయంలో చేపట్టిన మిషన్ వందే భారత్ లో ఆయన ముఖ్యపాత్ర పోషించారు. కర్నూలులోని ప్రముఖ వ్యాపార కుటుంబానికి చెందిన ఫహాద్ స్థానిక జి.పుల్లారెడ్డి ఇంజనీరింగ్ కళాశాలలో చదివారు. ఆ తర్వాత బెంగళూరులో ఎంబీఏ చేసి లండన్ లో బ్యాంకింగ్ పని చేసిన అనంతరం సివిల్స్ ద్వారా ఐఎఫ్ ఎస్ కు ఎంపికయ్యారు.

అవినీతి సూచీలో భారత్ కు 93 ర్యాంకు

◆ గ్లోబల్ కరప్షన్ ఇండెక్స్ లో భారత్ 93వ స్థానంలో నిలిచింది. గత ఏడాది 85వ ర్యాంకులో నిలిచిన భారత్ ఈసారి మరింత దిగజారింది. ప్రపంచ వ్యాప్తంగా 180 దేశాలలో 2023 ఏడాదికి సంబంధించి ట్రాన్స్ పరెన్సీ ఇంటర్నేషనల్ ర్యాంకులను విడుదల చేసింది. ప్రభుత్వ రంగంలోని అవినీతిపై నిపుణులు, వ్యాపార వేత్తలు తదితరుల నుంచి సేకరించిన అభిప్రాయాల ఆధారంగా 0 నుంచి 100 స్కోర్ ద్వారా ఈ సూచీని తయారు చేశారు. ఇందులో సున్నాను అత్యంత అవినీతిగా, 100ను స్వచ్ఛమైనదిగా లెక్కకుదుతూ స్కోర్ ఇచ్చారు. 2023లో భారత్ స్కోర్ 39 కాగా, 2022లో ఈ స్కోర్ 40గా ఉన్నది.

అవినీతి సూచీలో ర్యాంకులు	
డెన్మార్క్	1
ఫిన్లాండ్	2
న్యూజిలాండ్	3
చైనా	76
ఇండియా	93
పాకిస్థాన్	133
శ్రీలంక	115
బంగ్లాదేశ్	149

ఈపీఎఫ్ వడ్డీ రేటు 8.25 శాతం

◆ లోక్ సభ ఎన్నికల నేపథ్యంలో ఉద్యోగుల భవిష్య నిధి సంస్థ (ఈపీఎఫ్) కీలక నిర్ణయం తీసుకుంది. 2023-24 ఆర్థిక సంవత్సరానికి ఉద్యోగుల భవిష్య నిధి (ఈపీఎఫ్) ఖాతాల్లో డిపాజిట్లపై 8.25 శాతం వడ్డీ రేటు చెల్లించాలని నిర్ణయించింది. 2020-21 తర్వాత ఇదే అత్యధిక వడ్డీ రేటు! “వడ్డీ రేటును సవరిస్తూ 10-02-2024న ఈపీఎఫ్ సెంట్రల్ బోర్డ్ బ్రస్టీలు నిర్ణయం తీసుకున్నారు. చందాదారులకు అందుబాటులో ఉన్న ఇతర పెట్టుబడి మార్గాలతో పోలిస్తే ఈపీఎఫ్ వడ్డీ రేటు ఎక్కువని పేర్కొంది. ఆర్థిక శాఖ ఆమోదం రాగానే సవరించిన వడ్డీ మొత్తాన్ని

చందాదారుల ఖాతాల్లో జమ చేస్తారు. ప్రస్తుతం దేశవ్యాప్తంగా సుమారు 8 కోట్ల మంది ఈపీఎఫ్ చందాదారులు ఉన్నట్టు కార్మిక శాఖ వర్గాలు వెల్లడించాయి. 2019-20, 2020-21ల్లో ఈపీఎఫ్ వడ్డీ రేటు 8.5 శాతం ఉంది. ఆ తర్వాతి సంవత్సరానికి దీనిని 8.1 శాతానికి కుదించారు. గత నాలుగు దశాబ్దాల్లో ఇదే కనిష్టం. అంతకు ముందు 1977-78లో వడ్డీ రేటు 8 శాతంగా ఉంది. గత ఆర్థిక సంవత్సరంలో 8.15 శాతం వడ్డీ రేటు చెల్లించారు.

కేంద్ర సమాచార, ప్రసార శాఖ కార్యదర్శిగా సంజయ్ జాజు బాధ్యతల స్వీకరణ

◆ కేంద్ర సమాచార, ప్రసార మంత్రిత్వ శాఖ కార్యదర్శిగా సీనియర్ ఐఏఎస్ అధికారి సంజయ్ జాజు బాధ్యతలు స్వీకరించారు. 05-02-2024న జరిగిన కార్యక్రమంలో మాజీ కార్యదర్శి అపూర్వచంద్ర ఆయనకు బాధ్యతలు అప్పగించారు. 1992 బ్యాచ్ తెలంగాణ కేడర్ ఐఏఎస్ అధికారి అయిన జాజు 2018 నుంచి 2023 వరకు కేంద్ర ప్రభుత్వంలోని వివిధ శాఖల్లో అదనపు కార్యదర్శిగా సేవలందించారు. రక్షణ ఉత్పత్తి విభాగంలో అదనపు కార్యదర్శిగా, జాతీయ రహదారులు, మౌలిక సదుపాయాల అభివృద్ధి సంస్థ సంచాలకుడిగా పని చేశారు. 2011 నుంచి 2014 వరకు ఉమ్మడి ఆంధ్రప్రదేశ్ ప్రభుత్వంలో ఎలక్ట్రానిక్స్, ఐటీ, కమ్యూనికేషన్స్ డిపార్ట్ మెంట్ కార్యదర్శిగా ఉన్నారు.

ఐఎస్ బీ దేశంలోనే నంబర్ వన్

◆ ప్రపంచ అగ్రశ్రేణి విద్యాసంస్థ, హైదరాబాద్ లోని ఇండియన్ బిజినెస్ స్కూల్ (ఐఎస్ బీ) దేశంలోనే నంబర్ వన్ స్థానంలో నిలిచింది. 12-02-2024న విడుదలైన ఫైనాన్షియల్ టైమ్స్ (ఎఫ్ టీ) గ్లోబల్ ఎంబీఏ ర్యాంకింగ్-2024లో దేశంలోనే టాప్-1 స్థానాన్ని నిలబెట్టుకున్నది. గ్లోబల్ ర్యాంకింగ్ లో 31వ స్థానాన్ని కైవసం చేసుకున్నది. నిరుడు అంతర్జాతీయ ర్యాంకింగ్ లో 39వ ర్యాంక్ లో నిలవగా, ఈ సారి తన స్థానాన్ని మెరుగుపరుచుకుని 31వ స్థానానికి ఎగబాకింది. 229 శాతం పెరుగుదలతో వార్షిక వేతన పెరుగుదల అంశంలో అంతర్జాతీయంగా నంబర్ వన్ స్థానంలో నిలిచింది. రీసెర్చ్ ర్యాంకింగ్ తో పాటు అలుమ్ని, పోస్ట్ పీజీపీ వేతనాలపరంగానూ అత్యుత్తమ ప్రతిభను కనబరిచింది. గ్లోబల్ రీసెర్చ్ ర్యాంకింగ్ 52వ

స్థానంలో నిలిచింది. ఆలుమ్మి నెట్‌వర్క్ దేశంలో టాప్-బీ స్కూల్‌గా నిలవడమే కాకుండా, ఈ విషయంలో అంతర్జాతీయంగా 8వ ర్యాంక్ పొందింది.

◆ ఐఐఎం అహ్మదాబాద్ జాతీయంగా రెండో ర్యాంక్, అంతర్జాతీయంగా 41వ ర్యాంక్, ఐఐఎం బెంగళూరు మూడో ర్యాంక్, 47, ఐఐఎం కోల్‌కత్తా జాతీయంగా మూడు, అంతర్జాతీయంగా 67, ఐఐఎం లక్నో జాతీయంగా నాలుగు, అంతర్జాతీయంగా 85, జేవియర్ స్కూల్ ఆఫ్ మేనేజ్‌మెంట్ జాతీయంగా ఐదో, అంతర్జాతీయంగా 99వ ర్యాంకులను కైవసం చేసుకున్నాయి. యూనివర్సిటీ ఆఫ్ పెన్సిల్వేనియా, ప్రాన్సిస్, కొలంబియా బిజినెస్ స్కూల్ (యూఎస్), ఎన్‌డిఏ బకోని, ఐఈఎస్‌ఈ బిజినెస్ స్కూల్స్ వరుసగా వరల్డ్ టాప్ -5 బిజినెస్ స్కూల్స్ జాబితాలో చోటు దక్కించుకున్నాయి.

వార్తల్లోని వ్యక్తులు

సుప్రీంకోర్టు జడ్జిగా కర్ణాటక హైకోర్టు సీజే

◆ దేశ అత్యున్నత న్యాయస్థానం సుప్రీంకోర్టులో న్యాయమూర్తుల సంఖ్య (34) మళ్లీ పూర్తిస్థాయి సామర్థ్యాన్ని చేరుకుంది. సుప్రీంకోర్టు కొలీజియం సిఫారసుల మేరకు కర్ణాటక హైకోర్టు చీఫ్ జస్టిస్ ప్రసన్న బాలచంద్ర వరా లేను సుప్రీంకోర్టు న్యాయమూర్తిగా నియమిస్తూ కేంద్ర న్యాయశాఖ 25-01-2024న నోటిఫికేషన్ జారీ చేసింది. ఈ నియామకంతో సుప్రీంకోర్టు న్యాయమూర్తుల సంఖ్య 34కు చేరుకోనున్నది. డిసెంబర్ నెలలో సుప్రీంకోర్టు జడ్జి ఎన్‌కే కౌల్ రిటైర్డ్ అవ్వడంతో ఆయన స్థానంలో జస్టిస్ ప్రసన్న బి.వరాలే పేరును సూచిస్తూ కొలీజియం కేంద్రానికి సిఫారసు చేసింది. 'జస్టిస్ ప్రసన్న ఇప్పుడున్న హైకోర్టు జడ్జిల్లో అత్యంత సీనియర్ అంతేగాక హైకోర్టు సీజేల్లో ఎన్నీ సామాజికవర్గానికి చెందినవారు.

నమీబియా అధ్యక్షుడు గీన్‌గోబ్ కన్నుమూత

◆ నమీబియా అధ్యక్షుడు హగె గాట్ ఫ్రీడ్ గీన్ గోబ్ (80) తుదిశ్వాస విడిచారని అధ్యక్షభవనం తెలిపింది. ప్రొస్టేట్ క్యాన్సర్ బారినపడినట్లు 2014లో గీన్‌గోబ్ స్వయంగా ప్రకటించారు. 2015 నుంచి దేశాధ్యక్షుడిగా కొనసాగుతున్న గీన్‌గోబ్ పదవీ కాలం ఈ ఏడాదితో పూర్తి కావాల్సి ఉంది.

టీమ్ ఇండియా ర్యాంక్ 117

◆ అంతర్జాతీయ ఫుట్‌బాల్ సమాఖ్య(ఫిఫా) ర్యాంకింగ్స్ భారత్ ర్యాంక్ మరింత దిగజారింది. 15-02-2024న ఫిఫా విడుదల చేసిన ర్యాంకింగ్స్‌లో భారత ఫుట్‌బాల్ జట్టు 15 ర్యాంక్లకు చేజార్చుకుని 117వ స్థానంలో నిలిచింది. గత ఏడేండ్లలో టీమ్ ఇండియాకు ఇది పేలవ ర్యాంక్. ఇటీవల జరిగిన ఏఎఫ్‌సీ ఏషియన్ కప్‌లో ఆడిన మూడు గ్రూపు మ్యాచ్‌లో భారత్ ఓడిపోవడం ర్యాంకింగ్స్‌పై తీవ్ర ప్రభావం చూపింది. ఆస్ట్రేలియా, ఉజ్బెకిస్తాన్, సిరియాతో ఆడిన మ్యాచ్‌లో భారత్ కనీసం ఒక్క గోల్ చేయలేకపోయింది. ఆసియా ర్యాంకింగ్స్ పరంగా చూస్తే టీమిండియా ప్రస్తుతం 22వ ర్యాంక్‌లో ఉంది.

వలస పాలన నుంచి బయటపడ్డాక నమీబియా మొదటి ప్రధానిగా 1990-2002 మధ్య తిరిగి 2008-12 సంవత్సరాల మధ్య గీన్ గోబ్ బాధ్యతలు నిర్వహించారు.

ప్రపంచ కుబేరుడిగా మళ్లీ బెర్నార్డ్

◆ ప్రపంచంలోని అత్యంత ధనవంతుల జాబితాలో లగ్జరీ వస్తువుల కంపెనీ ఎల్‌పీ ఎంహెచ్ చైర్మన్, సీఈవో బెర్నార్డ్ ఆర్నాల్డ్ (74) మరోసారి మొదటి స్థానాన్ని దక్కించుకున్నారు. ఇప్పటివరకు ఆ స్థానంలో ఉన్న స్పేస్ ఎక్స్ అధిపతి ఎలాన్ మస్కును వెనక్కి నెట్టి ఆ స్థానాన్ని బెర్నార్డ్ దక్కించుకున్నట్లు ఫోర్బ్స్ వెల్లడించింది. ఆర్నాల్డ్, ఆయన కుటుంబం ఆస్తి ఈ ఏడాది 23.6 బిలియన్ డాలర్లు పెరిగి 207.8 బిలియన్ డాలర్లుకు చేరుకోగా, మస్కు సంపద 204.5 బిలియన్ డాలర్లుగా నమోదైంది. బెర్నార్డ్ మొదటిసారి 2022లో కూడా మస్కును అధిగమించి తొలి స్థానాన్ని దక్కించుకున్నారు.

'సహేలీ' రూపకర్త నిత్యానంద్ కన్నుమూత

◆ నోటి ద్వారా తీసుకునే గర్భ నిరోధక మాత్ర 'సహేలీ'ని తయారు చేసిన శాస్త్రవేత్త పద్మశ్రీ గ్రహీత డాక్టర్ నిత్యానంద్ (99) 28-01-2024న అనారోగ్యంతో కన్నుమూశారు. సెంట్రల్ డ్రగ్స్ రిసెర్చ్ ఇన్‌స్టిట్యూట్‌ను 1951లో ఏర్పాటు చేసినప్పటి నుంచి డాక్టర్ నిత్యానంద్‌కు ఆ సంస్థతో అనుబంధం ఉంది. ఆయన 1974 నుంచి 1984 వరకు ఆ సంస్థ డైరెక్టర్‌గా పని చేశారు. 400కుపైగా రిసెర్చ్

పేపర్లను ప్రచురించారు. 100 మంది పీహెచ్డీ విద్యార్థులను పర్యవేక్షించారు. 180కి పైగా పేటెంట్లను సాధించారు. నిత్యానంద్ అభివృద్ధి చేసిన సహేలీ గర్భనిరోధక మాత్రలను జాతీయ కుటుంబ నియంత్రణ పథకంలో 2016లో చేర్చారు. ఇది సురక్షితమైనది కావడంతో విప్లవాత్మక మార్పులను తీసుకొచ్చింది.

తొలి భారత సంతతి ఆస్ట్రేలియా సెనేటర్ గా వరుణ్

◆ ఆస్ట్రేలియా సెనేట్ కు ఎన్నికైన తొలి భారత సంతతి వ్యక్తిగా వరుణ్ ఘోష్ రికార్డు సృష్టించారు. 1980లో తల్లిదండ్రులతో కలిసి ఆస్ట్రేలియా వెళ్లిన వరుణ్ 17 ఏండ్ల వయసున్నప్పుడే లేబర్ పార్టీలో చేరారు. న్యాయవాది అయిన ఆయన పశ్చిమ ఆస్ట్రేలియాతో పాటు ప్రపంచ బ్యాంకుకు సేవలు అందించారు.

మిస్ జపాన్ గా 'ఉక్రెయిన్' యువతి

◆ ఆమె పేరు కరోలినా షిన్. వయసు 26 ఏళ్లు. ప్రఖ్యాత మోడల్. తాజాగా జరిగిన మిస్ నిప్పన్ (జపాన్ పాత పేరు) పోటీల్లో విజేతగా నిలిచింది. ఆమె మిస్ జపాన్ కిరీటం నెగ్గడంపై దేశమంతటా వివరీతమైన చర్చ జరుగుతోంది. ఆమె జన్మతః ఉక్రెనియన్ కావడమే ఇందుకు కారణం. షిన్ కు ఐదేళ్ల వయసులో ఆమె తల్లి ఓ జపనీయున్ని పెళ్లాడింది. ఆ వెంటనే తల్లితో పాటు ఆమె ఉక్రెయిన్ వీడి జపాన్ వచ్చేసింది. గతేడాదే షిన్ కు జపాన్ పౌరసత్వం కూడా లభించింది. జపాన్ భిన్న జాతులకు ఆలవాలం - గతంలోనూ విదేశీ మూలాలున్న పలువురు మిస్ జపాన్ కిరీటం నెగ్గారు.

ఆర్మీలో తొలి మహిళా సుబేదార్ గా ప్రీతి

◆ ట్రాప్ ఘాటర్ గా అంతర్జాతీయ పతకాలు సాధించిన క్రీడాకారిణి, ఆర్మీ హవాల్దార్ ప్రీతి రజక్ చరిత్ర సృష్టించారు. ఆర్మీలో సుబేదార్ గా పదోన్నతి సాధించి, ఆ ఘనత సాధించిన తొలి మహిళగా నిలిచారు. 19వ ఆసియా గేమ్స్ లో టీమ్ ఈవెంట్ లో వెండి పతకం సాధించి ఛాంపియన్ ట్రాప్ ఘాటర్ గా పేరొందిన ప్రీతి 2022లో సైన్యంలో చేరారు. కార్ప్స్ ఆఫ్ మిలిటరీ పోలీస్ హవాల్దార్ గా విధుల్లో చేరారు. ఇలా చేరిన తొలి క్రీడాకారిణి కూడా ఆమె. ట్రాప్ విమెన్ ఈవెంట్ విభాగంలో ప్రీతి దేశంలో ఆరో ర్యాంకర్. పారిస్ లో జరగబోయే ఒలింపిక్స్ కోసం ఆర్మీ మార్క్స్ మ్యన్ షిప్ యూనిట్లో శిక్షణ పొందుతున్నారు.

గుల్జార్, రామభద్రలకు జ్ఞానపీఠ్

◆ ప్రముఖ ఉర్దూ కవి గుల్జార్, సంస్కృత పండితుడు జగద్గురు రామభద్రాచార్య ప్రతిష్ఠాత్మక 58వ జ్ఞానపీఠ్ పురస్కారానికి ఎంపికయ్యారు. జ్ఞానపీఠ్ ఎంపిక కమిటీ 12-02-2024న ఈ విషయం వెల్లడించింది. 2023వ సంవత్సరానికి గాను ఈ ఇద్దరు ప్రముఖులకు అవార్డు ఇవ్వాలని నిర్ణయించినట్లు తెలియజేసింది. 2022వ సంవత్సరానికి గాను గోవా రచయిత దామోదర్ మోజోకు జ్ఞానపీఠ్ లభించింది. ప్రసిద్ధ బాలీవుడ్ సినీ రచయిత, ఉర్దూ కవి సంపూరణ్ సింగ్ కాలా అలియాస్ గుల్జార్ (89)ను ఇప్పటికే ఎన్నో పురస్కారాలు వరించాయి. 2002లో సాహిత్య అకాడమీ అవార్డు స్వీకరించారు. 2013లో దాదాసాహెబ్ ఫాల్కే, 2004లో పద్మ భూషణ్ పురస్కారం అందుకున్నారు. ఐదు సార్లు జాతీయ ఫిలిం అవార్డు పొందారు. స్లమ్ డాగ్ మిలియనీర్, మాచీస్, ఓంకారా, దిల్ సే, గురు వంటి చిత్రాల్లో ఆయన రాసిన పాటలు విమర్శకుల ప్రశంసలు అందుకున్నాయి. స్లమ్ డాగ్ మిలియనీర్ లోని 'జై హో' పాటకు 2009లో ఆస్కార్ అవార్డు దక్కింది.

సూర్యకు 'ఐసీసీ టీ20 ప్లేయర్'

◆ టీమ్ ఇండియా డాషింగ్ బ్యాటర్ సూర్యకుమార్ యాదవ్ మరోమారు తళుక్కుమన్నాడు. తన వైవిధ్యమైన బ్యాటింగ్ తో పొట్టి ఫార్మాట్ కు కొత్త హంగులు అద్దిన సూర్యకుమార్ వరుసగా రెండో ఏడాది ఐసీసీ టీ20 ప్లేయర్ ఆఫ్ ద ఇయర్ అవార్డును కైవసం చేసుకున్నాడు. టీ20ల్లో భారత మిడిలార్డర్ కు సూర్య వెన్నెముక అని ఐసీసీ ఈ సందర్భంగా ప్రశంసలు కురిపించింది. గతేడాది 150కి పైగా స్ట్రైక్ రేట్ తో సూర్య పొట్టి ఫార్మాట్ లో దుమ్మురేపాడు.

వన్డే క్రికెటర్ ఆఫ్ ది ఇయర్ విరాట్ కోహ్లా

◆ టీమిండియా స్టార్ బ్యాటర్ విరాట్ కోహ్లా ఐసీసీ 'వన్డే క్రికెటర్ ఆఫ్ ది ఇయర్' అవార్డు దక్కించుకున్నాడు. నిరుడు కోహ్లా కనబర్చిన అద్భుత ప్రతిభకు ఐసీసీ ఈ పురస్కారం ప్రకటించింది. ఈ అవార్డు కోహ్లాని వరించడం ఇది నాలుగోసారి కాగా ఇదే అత్యధికం. నిరుడు కోహ్లా వన్డేలో 1377 పరుగులు చేశాడు. వన్డేలో అత్యధిక సెంచరీలు చేసిన ప్లేయర్ గా క్రికెట్ దిగ్గజం సచిన్ టెండూల్కర్ ను దాటేసిన విరాట్.. ప్రతిష్ఠాత్మక వన్డే ప్రపంచ కప్ లో ప్లేయర్ ఆఫ్ ది టోర్నీగా నిలిచిన విషయం తెలిసిందే.

తెలంగాణ వార్తలు

ఫైనాన్స్ కమిషన్ చైర్మన్ గా సిరిసిల్లా రాజయ్య

◆ రాష్ట్ర ప్రభుత్వం నామినేటెడ్ పదవుల పందేరానికి శ్రీకారం చుట్టింది. రాష్ట్ర ఆర్థిక కమిషన్ చైర్మన్ గా వరంగల్ మాజీ ఎంపీ సిరిసిల్లా రాజయ్య, వక్ఫ్ బోర్డు చైర్మన్ గా అబ్దుల్లా హుసేన్ ను నియమిస్తూ 16-02-2024న ఉత్తర్వులు జారీ చేసింది. ప్రభుత్వ అధికారిక తెలంగాణ మాస పత్రిక ఎగ్జిక్యూటివ్ ఎడిటర్ గా కోడూరి శ్రీనివాసరావును నియమించింది. స్టేట్ ఫైనాన్స్ కమిషన్ లో సభ్యులుగా ఎం.రమేశ్, సంకేషల్లి సుధీరెడ్డి, మాలోత్ నెహ్రూ నాయక్ ను నియమించింది.

వ్యవసాయ రుణ ప్రణాళిక 1.33 లక్షల కోట్లు

◆ 2024-25 సంవత్సరానికి వ్యవసాయ, అనుబంధ రంగాలకు లక్షల కోట్ల రుణాలు ఇచ్చేందుకు జాతీయ వ్యవసాయ, గ్రామీణాభివృద్ధి బ్యాంక్ (నాబార్డ్) ప్రణాళిక రూపొందించింది. ఇందులో పంటల సాగు రుణాల కోసం రూ.81,478 కోట్లు, టర్నిలోన్స్ కు రూ.27,064 కోట్లు, మౌలిక సదుపాయాల కల్పన కోసం రూ.5,197.26 కోట్ల రుణాలు ఇవ్వాలని నిర్ణయించింది. ఈ మేరకు రాష్ట్ర ఫోకస్ పేపర్ పేరుతో నాబార్డ్ ఖరారు చేసిన రుణ ప్రణాళికను వ్యవసాయ శాఖ మంత్రి తుమ్మల నాగేశ్వరరావు 30-01-2024న హైదరాబాద్ లో విడుదల చేశారు. అన్ని రంగాలకు కలిపి మొత్తంగా రూ.2.80 కోట్లతో రుణ ప్రణాళికను నాబార్డ్ ఖరారు చేసింది. ఇందులో అత్యధికంగా వ్యవసాయ రంగానికి రూ.1.83లక్షల కోట్లు, ఎంఎస్ఎంఈలకు రూ.1.28 లక్షల కోట్లు, హౌసింగ్ కు రూ.10,788 కోట్లు కేటాయించింది.

◆ గత సంవత్సరంతో పోల్చితే ఈ ఏడాది అన్ని రంగాలకు రుణాలను నాబార్డు పెంచింది. నిరుదు రూ.1.85 లక్షల కోట్లతో రుణ ప్రణాళికను నాబార్డు విడుదల చేసింది. ఈ ఏడాది అంతకంటే సుమారు రూ.94 వేల కోట్లు అదనంగా కేటాయించింది. వ్యవసాయ, అనుబంధరంగాలకు నిరుదు

రూ.1.12 లక్షల కోట్లు కేటాయించగా, ఈ ఏడాది రూ.1.83 లక్షల కోట్లకు పెంచింది. ఇది గత సంవత్సరం కంటే దాదాపు రూ.20,325 కోట్లు అధికం.

వివిధ రంగాలకు వ్యవసాయ రుణ ప్రణాళిక	
వ్యవసాయ రుణాలు	1,33,587.86
సూక్ష్మ, చిన్న, మధ్యతరహా పరిశ్రమలు	1,29,635.58
హౌసింగ్	10,768.58
విద్య	2,706.50
సామాజిక మౌలిక సదుపాయాలు	1,447.31
స్వయం సహాయక బృందాలు	836.20
పునరుత్పాదక విద్యుత్	566.67
ఎగుమతుల కోసం రుణాలు	451.67
మొత్తం	2,80,000.56

శాసనసభ సలహాదారుడిగా ప్రసన్నకుమార్

◆ రాష్ట్ర శాసన సభ సలహాదారుడిగా సూర్యదేవర ప్రసన్నకుమార్ ను రాష్ట్ర ప్రభుత్వం నియమించింది. సలహాదారుగా ప్రసన్నకుమార్ పేరును సీఎం రేవంత్ రెడ్డి ప్రతిపాదించగా, అసెంబ్లీ స్పీకర్ జీ ప్రసాద్ కుమార్, మండలి చైర్మన్ గుత్తా సుఖేందర్ రెడ్డి ఆమోదించారు. ఈ మేరకు అసెంబ్లీ కార్యదర్శి డాక్టర్ వి.నర్సింహా చార్యులు ఉత్తర్వులు జారీ చేశారు. ఖమ్మం జిల్లాకు చెందిన ప్రసన్నకుమార్ లోక్ సభ స్పీకర్ కు ఓఎన్ డిగా, ఢిల్లీ శాసనసభకు కార్యదర్శిగా, సుప్రీం కోర్టు ప్రధాన న్యాయమూర్తి కార్యాలయంలో ఓఎన్ డిగా పనిచేశారు. సుప్రీం కోర్టులో రిజిస్ట్రార్ కూడా కొంత కాలం బాధ్యతలు నిర్వహించారు.

తెలంగాణ ప్రాజెక్టు రెండో యూనిట్ సక్సెస్

◆ పెద్దపల్లి జిల్లా రామగుండం ఎస్టీపీసీలోని 1600 మెగావాట్ల తెలంగాణ ప్రాజెక్టులోని రెండో యూనిట్ లో 03-02-2024న రాత్రి విద్యుదుత్పత్తి విజయవంతంగా పూర్తి సామర్థ్యానికి చేరుకున్నది. 800 మెగావాట్ల సామర్థ్యానికి

గాను పూర్తిస్థాయిలో ఉత్పత్తి జరిగింది. ఏపీ పునర్వ్యవస్థీకరణ చట్టం ప్రకారం తెలంగాణ కోసం కేటాయించిన 4 వేల మెగావాట్లలో ఫేజ్-1 కింద ఎన్టీపీసీలో నిర్మించిన అల్ట్రా సూపర్ క్రిటికల్ 1600 మెగావాట్ల తెలంగాణ సూపర్ థర్మల్ పవర్ ప్రాజెక్టులో ప్రథమంగా 800 మెగావాట్ల ఒకటో యూనిట్ నిరుడు ఉత్పత్తి దశలోకి వచ్చింది. రెండో యూనిట్ నిర్మాణం పూర్తి కావడంతో మూడు రోజుల క్రితమే గ్రిడ్ కు అనుసంధానం చేసి యూనిట్ లో ఉత్పత్తిని కనరత్తు చేశారు. క్రమంగా విద్యుత్తు ఉత్పత్తి 800 మెగావాట్లకు చేరుకున్నది.

తెలంగాణ జీవన్ దాన్ కు అంతర్జాతీయ అవార్డు

◆ తెలంగాణ జీవన్ దాన్ కు అంతర్జాతీయ అవార్డు లభించింది. మరణించిన వారి అవయవాలను సేకరించి ఆర్గాన్స్ ట్రాన్స్ ప్లాంట్ చేషన్ కు అసాధారణమైన కృషి చేసినందుకుగానూ అంతర్జాతీయస్థాయిలో జీవన్ దాన్ ఖ్యాతి గడించింది. దుబాయిలోని కాన్రాడ్ హోటల్ లో జరిగిన యూఏఈ వార్షిక ఆర్గాన్ డొనేషన్, ట్రాన్స్ ప్లాంట్ కాంగ్రెస్ లో తెలంగాణ జీవన్ దాన్ కు ‘హయత్ ఇంటర్నేషనల్ ఎక్స్ లెన్స్ ఫ్రేమ్ వర్క్’ అవార్డు దక్కింది. ఈ అవార్డును యునైటెడ్ అరబ్ ఎమిరేట్స్ ఆర్గాన్ డొనేషన్ ట్రాన్స్ ప్లాంట్ చేషన్ నేషనల్ కమిటీ చైర్మన్ డాక్టర్ అలీ అబ్దుల్ కరీం ఓబైద్లీ, నేషనల్ సెంటర్ ఫర్ ఆర్గాన్ ట్రాన్స్ ప్లాంట్ ఎక్స్ పర్ట్ డాక్టర్ మరియు పాలా గోమెజ్ చేతుల మీదుగా జీవన్ దాన్ తెలంగాణ ఇన్ చార్జ్ ప్రొఫెసర్ డాక్టర్ స్వర్ణలత అందుకున్నారు.

ఓఆర్ఆర్ ప్రాజెక్టు డైరెక్టర్ గా ఆమ్రపాలి

◆ ఔటర్ రింగురోడ్డు ప్రాజెక్టు డైరెక్టర్ గా, హైదరాబాద్ గ్రోత్ కారిడార్ “లిమిటెడ్ మేనేజింగ్ డైరెక్టర్ ఆమ్రపాలిని నియమిస్తూ ప్రభుత్వం ఉత్తర్వులు జారీచేసింది. ఇప్పటికే ఆమె హైదరాబాద్ మెట్రోపాలిటన్ డెవలప్ మెంట్ అథారిటీ జాయింట్ కమిషనర్ గా, మూసీ “రివర్ ఫ్రంట్ డెవలప్ మెంట్ కార్పొరేషన్ లిమిటెడ్ మేనేజింగ్ డైరెక్టర్ గా విధులు నిర్వహిస్తున్నారు. వీటికి అదనంగా రెండు బాధ్యతలు అప్పగించడంతో పనిచేసేందుకు వీలుగా వేర్వేరు చోట్ల ఉన్న కార్యాలయాలను ఒకే చోటికి తరలిస్తున్నారు. తార్వాకలో ఉన్న మూసీ రివర్ ఫ్రంట్ డెవలప్ మెంట్ కార్పొరేషన్ లిమిటెడ్ కార్యాలయాన్ని నానక్రాంగూడలోని హైదరాబాద్ గ్రోత్ కారి డార్ లిమిటెడ్

కార్యాలయంలోకి మారుస్తున్నారు. అందులోనే ఔటర్ రింగురోడ్డు ప్రాజెక్టు కార్యకలాపాలు, హెచ్ జీసీఎల్ కార్యకలాపాలు నిర్వహిస్తుండగా, అక్కడే మూసీ రివర్ ఫ్రంట్ డెవలప్ మెంట్ కార్యాలయాన్ని ఏర్పాటు చేయడం ద్వారా మూడు కార్యాలయాలు ఉండేలా చర్యలు తీసుకున్నారు.

ఇన్నోవేషన్ లో తెలంగాణ టాప్

◆ ఆవిష్కరణలకు ఇచ్చిన ప్రోత్సాహ ఫలితంగా దేశంలోనే తెలంగాణ ప్రథమ స్థానంలో నిలిచింది. ఆవిష్కరణల్లో ఏ రాష్ట్రం సాధించని విధంగా 4 శాతం వృద్ధి సాధించింది. ఈ వృద్ధి మరింత పెరిగే అవకాశం ఉన్నదని తాజా నివేదికలు స్పష్టం చేస్తున్నాయి. ఎకోరాప్ సంస్థ 3ఐ (ఇండియా, ఇంక్యుబేటింగ్, ఇన్నోవేషన్స్) పేరుతో విడుదల చేసిన తాజా నివేదిక ప్రకారం దేశంలో ఎలక్ట్రానిక్స్, ఎలక్ట్రికల్, ఫిజిక్స్, బయోటెక్నాలజీ, సివిల్, మెటల్ లర్జీ తదితర రంగాల్లో ఆవిష్కరణలు అధికంగా జరుగుతున్నాయి. గుజరాత్, తెలంగాణ, రాజస్థాన్, పంజాబ్, హర్యానా తదితర రాష్ట్రాలు ఇంటెలెక్చువల్ ప్రావర్ట్ ఇన్నోవేషన్ లో నాయకత్వ స్థానానికి ఎదుగుతున్నాయి. 2004-2013 మధ్య ఇన్నోవేషన్ లో తెలంగాణ వాటా 0.1 శాతంగా ఉండగా, 2014- 2023 మధ్య 4 శాతం వాటాను సాధించింది. రాష్ట్రంలోని గ్రామాల్లోనూ ఆవిష్కరణలు విస్తరిస్తున్నాయి. 1.2 శాతం నుంచి 2.3 శాతం వృద్ధితో రాజస్థాన్ ద్వితీయ స్థానంలో నిలిచింది.

◆ భారత్ లో 2004-13 మధ్యకాలంలో సింగిల్ ఇన్వెంటర్స్ వాటా 22.9 శాతం ఉండగా, 2014-23 మధ్య ఇది 35.5 శాతానికి చేరిందని ఎమర్జింగ్ టెక్నాలజీస్ నిపుణులు, సెవెన్ సీస్ ఎంటర్ప్రైజ్ మెంట్ ఎండ్ ఐల్ మారుతి శంకర్ తెలిపారు. ఉత్తరాఖండ్, ఒడిశా, అండమాన్ నికో బార్ దీవులు, ఛత్తీస్ గఢ్, జమ్ముకశ్మీర్, పుదుచ్చేరి, హిమాచల్ ప్రదేశ్ తదితర రాష్ట్రాల్లో కూడా ఆవిష్కరణలు వృద్ధి చెందుతున్నట్టు నివేదిక తెలిపింది.

తెలంగాణ శాస్త్రవేత్తకు అరుదైన అవకాశం

◆ తెలంగాణకు చెందిన బయోటెక్నాలజీ శాస్త్రవేత్త బుట్టి రమేష్ కు అరుదైన అవకాశం లభించింది. రెన్ ఓల్ సెల్ కార్నినోమా (మూత్రపిండ క్యాన్సర్) ప్రాజెక్టులో భాగంగా ఆయన అమెరికన్ ఆర్మీ మెడికల్ రిసెర్చ్ అండ్ డెవలప్ మెంట్

సెంటర్ తో కలిసి పరిశోధనలు చేయనున్నారు. వరంగల్ జిల్లాలోని గువిచెర్లకు చెందిన రమేశ్ బయోటెక్నాలజీలో హైదరాబాద్ యూనివర్సిటీ నుంచి పీజీ పట్టా పొందాక సీఎస్ఐఆర్ ఫెలోషిప్ ను సాధించారు. బైస్ట్ ట్యూమర్ పై పుణెలోని నేషనల్ సెంటర్ ఫర్ సెల్ సైన్స్ కు చెందిన ప్రముఖ బయాలజిస్టు గోపాల్ కుందు సారథ్యంలో అధ్యయనం చేసిన రమేశ్ 2020లో డాక్టరేట్ ను పొందారు. ఆ తర్వాత ఆయన సౌత్ వెస్ట్రన్ మెడికల్ సెంటర్ లోని ల్యాబోరేటరీ ఆఫ్ జేమ్స్ బ్రూగార్ లాస్ లో శాస్త్రవేత్తగా సేవలు అందించడంతో పాటు కిడ్నీ క్యాన్సర్ రిసెర్చ్ సెంటర్ లో కీలక బాధ్యతలు నిర్వహించారు. బయోటెక్నాలజీ రంగంలో విశిష్ట సేవలు అందిస్తుండటంతో రమేశ్ కు ప్రతిష్టాత్మక యూఎస్ ఆర్మీ మెడికల్ రిసెర్చ్ సెంటర్ తో కలిసి పనిచేసే అవకాశం లభించింది.

గవర్నింగ్ కౌన్సిల్ సభ్యుడిగా కొండూరి నామినేట్

◆ దక్షిణ భారత సహకార రంగానికి అరుదైన గౌరవం దక్కింది. నేషనల్ కో ఆపరేటివ్ డెవలప్ మెంట్ కౌన్సిల్ (ఎన్ సీ డీ సీ), బ్యాంకర్స్ ఇన్ స్టిట్యూషన్ ఆఫ్ రూరల్ డెవలప్ మెంట్ (బీఐఆర్ డీ) గవర్నింగ్ కౌన్సిల్ సభ్యుడిగా నాఫ్స్ కాబ్ చైర్మన్ కొండూరి రవీందర్ రావు వరుసగా రెండో సారి నామినేట్ అయ్యారు. కేంద్రహాం, సహకార శాఖ మంత్రి అమిత్ షా నేతృత్వంలో ఎన్ సీ డీ సీ వివిధ రకాల రుణాలు, వ్యవసాయ, అనుబంధ రంగాల వారు ఆర్థిక సామర్థ్యం పెంపొందించుకోవడానికి సహకారం అందిస్తుందని రవీందర్ రావు తెలిపారు. బీఐఆర్ డీ గ్రామీణ సహకార రంగం వాణిజ్య బ్యాంకుల ఉద్యోగులకు శిక్షణ, సామర్థ్యం పెంపొందించడానికి పని చేస్తుందని కొండూరి చెప్పారు.

పైన్స్

ప్రపంచంలో అతిపెద్ద క్రూజ్ నౌక తొలి ప్రయాణానికి సిద్ధం

◆ ప్రపంచంలో అతిపెద్ద క్రూజ్ నౌక, రాయల్ కరీబియన్ సంస్థకు చెందిన 'ఐకాన్ ఆఫ్ ది సీస్' తన తొలి ప్రయాణానికి సిద్ధమైంది. అమెరికాలోని ఫ్లోరిడా రాష్ట్రం మయామీ పోర్టు నుంచి స్థానిక కాలమానం ప్రకారం 27-01-2024 న సాయంత్రం బయలుదేరి వారం రోజుల పాటు సముద్ర జలాలపై విహరిస్తూ వివిధ దీవులను చుట్టేయనుంది. 365 మీటర్ల పొడవు, 20 డెక్కులున్న ఈ నౌకలో ఆరు వాటర్ పైర్లు, ఏడు ఈత కొలనులు, ఐస్ స్కేటింగ్ రింక్, సినిమా థియేటర్, 40కి పైగా రెస్టారెంట్లు, బార్లు ఉన్నాయి. కుటుంబాలతో ప్రయాణించే వారికి అత్యుత్తమ అనుభూతిని అందించేలా ఈ నౌకలో సౌకర్యాలు ఉన్నట్లు రాయల్ కరీబియన్ సంస్థ సీఈవో జాసన్ లిబర్టీ అన్నారు. ఈ ఓడకు 2,350 మంది సిబ్బంది, 7,600 మంది ప్రయాణికులను తీసుకెళ్లే సామర్థ్యం ఉంది.

మూడు ఉపగ్రహాలను ప్రయోగించిన ఇరాన్

◆ గాజాలో హమాస్, ఇజ్రాయెల్ ఆర్మీకి మధ్య కొనసాగుతున్న భీకరపోరు కారణంగా మధ్యప్రాచ్యంలో తీవ్ర

ఉద్రిక్తతలు కొనసాగుతున్న వేళ మూడు ఉపగ్రహాలను విజయవంతంగా అంతరిక్షంలోకి పంపినట్లు ఇరాన్ ప్రకటించింది. సిమోర్ రాకెట్ తో వాటిని విజయవంతంగా కక్ష్యలోకి ప్రవేశపెట్టినట్లు తెలిపింది. సెమ్నాన్ ప్రావిన్స్ లోని ఇమామ్ ఖొమైనీ అంతరిక్ష కేంద్రంలో రాత్రివేళ ఈ ప్రయోగం జరిగినట్లు తెలుస్తోంది. ఇందులో మహ్ అనేది పరిశోధక ఉపగ్రహం కాగా, కేహాన్-2, హతెఫ్-1 అనేవి జీపీఎస్, కమ్యూనికేషన్ ను సంబంధించిన నానో శాటిలైట్లని ప్రభుత్వ టీవీ తెలిపింది. గాజాపై యుద్ధంలో సైనికపరంగా జోక్యం చేసుకోనప్పటికీ, ఇటీవల జరిగిన ఇస్లామిక్ స్టేట్ భారీ ఆత్మాహుతి దాడి, ఇరాన్ అండదండలున్న హౌతి తిరుగుబాటుదారులు విదేశీ నౌకలపై దాడులు చేయడం వంటివి ఇరాన్ మతపెద్దలపై ఒత్తిడి పెంచింది. ఈ నేపథ్యంలోనే ఉపగ్రహ ప్రయోగాలు చేపట్టినట్లుగా భావిస్తున్నారు.

ఏడాదంతా భూతాపం 1.5 డిగ్రీల పెరుగుదల

◆ కాలుష్యం, భూతాపం కారణంగా భూమిపై ఉష్ణోగ్రతలు పెరిగిపోతున్నాయన్నది తెలిసిన సంగతే. కానీ, 2023 ఫిబ్రవరి నుంచి 2024 జనవరి దాకా ఏడాదంతా భూసగటు ఉష్ణోగ్రత 1.52 డిగ్రీల సెల్సియస్ అధికంగా

సమోదైనట్లు యూరోపియన్ యూనియన్ కు చెందిన కోపర్నికస్ కైమేట్ చేంజ్ సర్వీసు(సీ3ఎస్) 08-02-2024 న వెల్లడించింది. 1850-1900 నాటి ఉష్ణోగ్రతల సగటుతో పోలిస్తే ఏడాది పొడవునా 1.52 డిగ్రీలు అధికంగా సమోదు కావడం ఇదే మొదటిసారి అని పేర్కొంది. రాబోయే రోజుల్లో ఉష్ణోగ్రతలు ఇంకా పెరుగుతాయని చెప్పడానికి ఇదొక సంకేతమని తెలియజేసింది. ఈ ఏడాది జనవరి నెల అత్యంత వేడి జనవరిగా రికార్డుకెక్కిందని వివరించింది. 1850-1900 నాటి కంటే ఈ జనవరిలో 1.66 డిగ్రీల అధిక ఉష్ణోగ్రత సమోదైనట్లు తెలిపింది. వాతావరణంలో ఎల్నినో పరిస్థితులే ఇందుకు కారణమని అభిప్రాయపడింది. వాతావరణ మార్పులతో పాటు సెంట్రల్ పసిఫిక్ సముద్రంలో ఉపరితల జలాలు వేడెక్కడం వల్ల భూఉష్ణోగ్రతలు పెరుగుతున్నాయని కోపర్నికస్ కైమేట్ చేంజ్ సర్వీసు స్పష్టం చేసింది.

తొలి శ్రీడీ ప్రింటెడ్ మెదడు కణజాలం

◆ ప్రపంచంలోనే తొలి శ్రీడీ ప్రింటెడ్ బ్రెయిన్ కణజాలాన్ని అమెరికా సైంటిస్టులు ఆవిష్కరించారు. ఇది మనిషి మెదడులోని సహజ కణజాలంలాగా పని చేయగలదని 'న్యూరోసైన్స్' జర్నల్ తాజా కథనం పేర్కొన్నది. కృత్రిమంగా తయారు చేసిన 'శ్రీడీ ప్రింటెడ్ బ్రెయిన్ టిష్యూ' నాడీ సంబంధిత సమస్యల పరిష్కారంలో విప్లవాత్మక మార్పులకు నాంది పలుకుతుందని పరిశోధకులు చెబుతున్నారు. పార్కిన్సన్, అల్జీమర్స్ వ్యాధి చికిత్సలో సైంటిస్టుల పరిశోధనకు ఇదెంతగానో దోహదపడుతుందని తెలిపారు. మానవ మెదడులో కణజాలం పనితీరును అర్థం చేసుకోవటంలో ఇది శక్తివంతమైన మోడల్ అవుతుందని పరిశోధకులు తెలిపారు.

నింగిలోకి 'నాటీ బాయ్'

◆ భారత అంతరిక్షపరిశోధన సంస్థ (ఇస్రో) 17-02-2024న శ్రీహరికోట నుంచి ప్రయోగించిన జీఎస్ఎల్వీ-ఎఫ్14 రాకెట్ నిప్పులు వెదజల్లుతూ నింగిలోకి దూసుకెళ్లింది. మూడో తరం వాతావరణ శాటిలైట్ 'ఇన్ శాట్-3డీఎస్'ను భూకక్ష్యలో ప్రవేశపెట్టేందుకు ఇస్రో ఈ ప్రయోగాన్ని చేపట్టింది. 'నాటీ బాయ్' అని శాస్త్రవేత్తలు ముద్దుగా పిలిచే 2,274 కిలోల బరువు గల ఇన్ శాట్-3డీఎస్ ఉపగ్రహాన్ని జీఎస్ఎల్వీ రాకెట్ నిర్ణీత కక్ష్యలో ప్రవేశపెట్టనున్నది. వాతావరణ పరిశీలనను మెరుగు పరచడానికి, భూమి, సముద్ర

ఉపరితలాన్ని పర్యవేక్షించడానికి ఈ ఉపగ్రహాన్ని రూపొందించారు. తద్వారా వాతావరణ అంచనా, విపత్తు హెచ్చరిక వ్యవస్థలు మరింత మెరుగు పడటానికి ఆస్కారముంది. ఈ శాటిలైట్ సేవల్ని భూ విజ్ఞాన, భారత వాతావరణ విభాగాలు వినియోగించుకుంటాయి. ఈ ఏడాది ఇస్రో చేపట్టిన రెండో రాకెట్ ప్రయోగమిది.

అంతరిక్షంలో అత్యధిక కాలం రష్యా కాస్మోనాట్ రికార్డు

◆ అంతరిక్షంలో అత్యధిక కాలం గడిపిన వ్యక్తిగా రష్యా కాస్మోనాట్ ఒలెగ్ కొనొ నెంకో(59) రికార్డు సృష్టించారు. 2008 నుంచి ఇప్పటిదాకా అయిదుసార్లు అంతరిక్షాతీయ అంతరిక్ష కేంద్రానికి (ఐఎస్ఎస్) వెళ్లారు. 04-02-2024న నాటికి కొనెనెంకో మొత్తంగా 878 రోజుల 12 గంటల పాటు అంతరిక్షంలో ఉన్నట్లయింది. ప్రస్తుతం ఐఎస్ఎస్లోనే ఉన్న ఆయన భూమికి తిరిగిచ్చేసరికి మెయ్యి రోజులు అంతరిక్షంలో గడిపినట్లవుతుందని తెలిపింది. అంతరిక్షంలో అత్యధిక కాలం గడిపిన రికార్డు రష్యాకే చెందిన గెన్నడీ పదల్కా (878 రోజుల 11 గంటల 29 నిమిషాల 48 సెకన్లు) పేరు మీద ఇన్నాళ్లు ఉండేది.

భూ వాతావరణంలోకి కార్టోశాట్-2

◆ అధిక రెజల్యూషన్ గల ఫోటోలు తీసే ఇస్రో రెండో తరంలోని మొదటి ఉపగ్రహమైన కార్టోశాట్-2ను 16-02-2024న విజయవంతంగా భూ వాతావరణంలోకి తీసుకొచ్చినట్లు ఆ సంస్థ వెల్లడించింది. ఈ ఉపగ్రహం 17 ఏండ్ల పాటు సేవలందించింది. 'సాయత్రం 3.48కి హిందూ మహా సముద్రం మీదకు ఈ ఉపగ్రహాన్ని తీసుకొచ్చాం. దీన్ని దహనం చేస్తాం లేదా సముద్రంలో పడిపోయేలా వదిలేస్తాం' అని ఇస్రో అధికారులు తెలిపారు. కార్టోశాట్ గమనాన్ని జాగ్రత్తగా పరిశీలిస్తున్నట్లు ఇస్రో తెలిపింది. ఈ శాటిలైట్ భూ వాతావరణంలోకి తిరిగి ప్రవేశించినప్పుడు దాని అన్ని ప్రధాన భాగాలు విచ్ఛిన్నమైపోతాయని వెల్లడించింది. 2007లో ప్రయోగించిన ఈ శాటిలైట్ 2019 వరకు పట్టణ ప్రణాళిక కోసం హై రెజల్యూషన్ కలిగిన ఫోటోలు తీసిపంపింది. అంతరిక్షాతీయ అంతరిక్ష మార్గదర్శకాల ప్రకారం దీన్ని ధ్వంసం చేయాలనుకుంటున్నట్లు ఇస్రో చెప్పింది. సహజంగా కార్టోశాట్-2 తన కక్ష్య నుంచి విడిపోవడానికి 30 ఏండ్లు పడుతుందని భావించారు.



Dr. N. Shashikala, Principal addressing the gathering on the occasion of Ladies Waiting hall Inauguration sponsored by LAURUS LABS, Hon'ble M.P. Sri Pocha Bramhananda Reddy Garu & Hon'ble M.L.A. Sri Silpa Ravichandra Kishor Reddy Garu participated in the program.



Sri Sahin Ozocan, CEO, Adama felicitated on the occasion of inauguration of college auditorium by Dr. N. Shashikala, Principal & Staff



Dr. N. Shashikala, Principal & Staff participated on the occasion of Teachers Day Celebrations.



Yoga Day Conducted for the College Students.



Dr.N.Shashikala, Prinicpal Participated in Books Exhibition conducted by College Library.



Dr. N. Shashikala, Principal addressing the gathering on the occasion of international Women's day conducted by Women Empowerment Cell.



PSC & KVSC NCC Cadets receiving meritorious prizes by
Hon'ble Nandyal Dist. Collector of Sri Manazir Jeelani Samoon, IAS



Dr. N. Shashikala, Principal & Staff celebrated " Mahatma Jyothi Bapule Jayanthi Celebrations ".