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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) Where will the inauguration ceremony of the 29th KIFF take place?

- a) Victoria Memorial
- b) Netaji Indoor Stadium
- c) Science City
- d) Eden Gardens
- e) None of these

Ans: b

Q.2) Where was the 10,000th Jan Aushadhi Kendra dedicated by Prime Minister Narendra Modi?

- a) AIIMS, New Delhi
- b) AIIMS, Deoghar
- c) AIIMS, Mumbai
- d) AIIMS, Chennai
- e) None of these

Ans: b

Q.3) Where will the 'Jal Itihas Utsav' be organized by the Ministry of Jal Shakti?

- a) Shamsi Talab, Jahaz Mahal
- b) India Gate, New Delhi
- c) Marina Beach, Chennai
- d) Dal Lake, Srinagar
- e) None of these

Ans: a

Q.4) Which institute is organizing the drone technology training programme for armed forces personnel first-of-its-kind programme in the country?

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

Ans: b

Q.5) Where will the 24th edition of the Hornbill Festival 2023 be held?

- a) Naga Heritage Village Kisama
- b) Kohima City Centre
- c) Dimapur Cultural Hub
- d) Mokokchung Heritage Grounds
- e) None of these

Ans: a

Q.6) What is the theme of World AIDS Day, 2023?

- a) Standing strong against HIV/AIDS
- b) Reflecting on progress, striving for a world without AIDS
- c) Knowledge is power. Get tested, know your status
- d) Let communities lead
- e) None of these

Ans: d

Q.7) Nagaland, which is celebrating its 61st Statehood Day, officially became the 16th State of the Union of India in which year?

- a) 1957 b) 1962 c) 1963
d) 1965 e) None of these

Ans: c

Q.8) Who is set to present the President's Colour to Armed Forces Medical College in Pune?

- a) Narendra Modi b) Droupadi Murmu
c) Rajnath Singh d) Amit Shah
e) None of these

Ans: b

Q.9) Who recently inaugurated the new factory of Dixon Technology in Noida?

- a) Narendra Modi b) Amit Shah
c) Ashwini Vaishnaw d) Nirmala Sitharman
e) None of these

Ans: c

Q.10) Which edition of the Global Ayurveda Festival is being inaugurated by Jagdeep Dhankhar?

- a) 1st b) 3rd c) 5th d) 7th e) None of these

Ans: c

Q.11) Which organisation has been honoured With Ship Manager of the Year Award for 2023 at the Informa Marine Fuels 360 Awards?

- a) Yang Ming Marine Transport Corporation
b) Synergy Marine Group
c) Maersk Line India
d) Hapag-Lloyd
e) None of these

Ans: b

Q.12) India ranked 49th in IMD's World Digital Competitiveness Ranking. Which country has topped the list?

- a) Singapore b) Netherlands
c) U.S.A d) Denmark
e) None of these

Ans: c

Q.13) Which organisation has been recognized for its outstanding achievements in Corporate Social Responsibility and environmental protection?

- a) NTPC Bongaigaon b) ONGC Bokaro
c) NTPC Korba d) ONGC Dehradun
e) None of these

Ans: a

Q.14) The Rajgir Mahotsav is being held in Bihar. Choose which of the following ancient kingdoms did not have territorial access to Rajgir?

- a) Haryanka dynasty
b) Brihadratha dynasty
c) Pradyota dynasty
d) Chalukya dynasty
e) None of these

Ans: d

Q.15) Which of the following magazines has released the "Hall-of-Shame" list?

- a) Time Magazine b) Forbes Magazine
c) BBC World d) Radio Times
e) None of these

Ans: b

Q.16) Which electrical brand has won the 23rd Greentech Environment Award 2023?

- a) Crompton Greaves b) Schneider electric
c) Philips d) Tata Voltas
e) None of these

Ans: a

Q.17) India celebrates the BSF Raising Day on 1st December every year. What is the motto of Border Security Force?

- a) Valour, Determination, Devotion to Duty
b) Service and loyalty
c) Duty unto death
d) Protection and Security
e) None of these

Ans: c

Q.18) In which city the Sahitya Akademi Book Fair is being held?

- a) Lucknow b) Ujjain c) New Delhi
d) Gwalior e) None of these

Ans: c

Q.19) Which state's governor has appointed a lady Air Force officer as the first woman in India from Armed Forces as Aide de Camp?

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

Ans: b

Q.20) Recently the veteran actor R. Subbalakshmi passed away. She was related to which regional film industry?

- a) Odia b) Kannad c) Marathi
d) Malayalam e) None of these

Ans: d

Q.21) Where is the 6th International Short Film Festival on Cultural Tourism taking place in December 2023?

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

Ans: c

Q.22) For which edition of the annual climate summit is India offering to host, as announced by Prime Minister Narendra Modi at COP-28?

- a) COP-29 in 2026 b) COP-30 in 2027
c) COP-33 in 2028 d) COP-32 in 2029

e) None of these

Ans: c

Q.23) What is the name of the book that dissects the fake IPL scam, detailing the story of how conned Russian gamblers?

- a) "Conning the Cricket League"
b) "Russian Gamble Chronicles"
c) "Indian Punter League: The True Story of the Fake IPL"

d) "Cricket Scam Unveiled"

e) None of these

Ans: c

Q.24) What prestigious award did S8UL, India's leading Esports organization, win at the Global Esports Awards 2023?

- a) Esports Team of the Year
b) Esports Content Creator of the Year
c) Content Group of the Year
d) Best Gaming Content
e) None of these

Ans: b

Q.25) What is the theme for 2023 International Day of Persons with Disabilities (IDPD)?

- a) United in action to rescue and achieve the SDGs for, with and by persons with disabilities
b) Transformative solutions for inclusive development: the role of innovation in fuelling an accessible and equitable world
c) Building Back Better: toward a disability-inclusive, accessible and sustainable post COVID-19 World
d) Promoting the participation of persons with disabilities and their leadership: taking action on the 2030 Development Agenda
e) None of these

Ans: a

Q.26) When do we celebrate World Computer Literacy Day?

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

Ans: b

Q.27) With which country did India sign the LeadIT 2.0 initiative aimed at promoting low-carbon technology transfer and supporting industry transition in developing nations?

- a) United States b) China c) Japan

d) Sweden e) None of these

Ans: d

Q.28) What percentage of ground water extraction stage does the country currently stand at, according to the Dynamic Ground Water Resource Assessment Report for The Year 2023?

- a) 62.80% b) 59.23% c) 55.75%
d) 64.90% e) None of these

Ans: b

Q.29) With whom did NLC India Limited (NLCIL) sign the Memorandum of Understanding (MoU) for skill development training in December 2023?

- a) Ministry of Coal and Environment
b) PAFs and Special Program Implementation Department
c) TNSDC & NTTF
d) Ministry of Skill Development and Environment
e) None of these

Ans: c

Q.30) What is the name of India's first X-Ray Polarimeter Satellite that is set to be launched by ISRO?

- a) X-Polarisat b) PolarXSat
c) X-Ray Explorer d) XPoSat
e) None of these

Ans: d

Q.31) What is the focus of the strategic contract between Tata Advanced Systems and Satellogic?

- a) Development of electric vehicles
b) Building Low Earth Orbit (LEO) Satellites in India
c) Exploration of deep-sea mining
d) Construction of high-speed rail networks
e) None of these

Ans: b

Q.32) Which organization released the 2023 Global Snapshot on Children with HIV and AIDS?

- a) WHO b) UNICEF c) CDC

d) Red Cross e) None of these

Ans: b

Q.33) What is the GDP for Second Quarter(July to September) for financial year 2023-24?

- a) 6.6% b) 7.2% c) 7.6%
d) 8.6% e) None of these

Ans: c

Q.34) Which Small Finance Bank partners with Water.org to offer water, sanitation and hygiene loans in December 2023?

- a) Jana Small Finance Bank
b) Fincare Small Finance Bank
c) AU Small Finance Bank
d) Ujjivan Small Finance Bank
e) None of these

Ans: d

Q.35) Who tops the list of the Top 200 Self-made Entrepreneurs of the Millennia 2023?

- a) Mukesh Ambani b) Radhakishan Damani
c) Ratan Tata d) Azim Premji
e) None of these

Ans: b

Q.36) Which country received the maximum votes in the category of ten states with the largest interest in international seaborne trade at the 2024- 2025 International Maritime Organization Council Elections?

- a) China b) India c) UAE
d) US e) None of these

Ans: b

Q.37) Who has been appointed as the chairman of the India Debt Resolution Co Ltd (IDRCL)?

- a) Narayan Sheshadri
b) Diwakar Gupta c) Rajat Kumar Jain
d) Prakash Apte e) None of these

Ans: a

Q.38) What agreement did the Reserve Bank of India (RBI) sign with the Bank of England (BoE)?

- a) Trade Agreement
- b) Information Exchange Agreement
- c) Bond Settlement Agreement
- d) All of the above
- e) None of these

Ans: c

Q.39) Aashraya Seth invented India's most affordable sanitary pad vending machine. He belongs to which city of Uttar Pradesh?

- a) Lucknow
- b) Meerut
- c) Kanpur
- d) Agra
- e) None of these

Ans: a

Q.40) Who is set to deliver this year's prestigious Dr. Rajendra Prasad Memorial Lecture in New Delhi?

- a) Narendra Modi
- b) Jagdeep Dhankhar
- c) Droupadi Murmu
- d) Amit Shah
- e) None of these

Ans: b

Q.41) At which fort, the Prime Minister will unveil the statue of Chhatrapati Shivaji Maharaj on the eve of Navy day?

- a) Sindhudurg Fort
- b) Gwalior Fort
- c) Pratapgad Fort
- d) Rajkot Fort
- e) None of these

Ans: d

Q.42) Remembering which operation of the Indian Navy, the Navy Day is celebrated on 4th of December every year?

- a) Operation Polo
- b) Operation Trident
- c) Operation Black Thunder
- d) Operation All Out
- e) None of these

Ans: b

Q.43) The Deeptech Startup Accelerator Program, named "SAMRIDHI", inaugurated by the Governor of Punjab is focussed at which sector?

- a) Agriculture
- b) Drone technology
- c) Artificial Intelligence
- d) Sustainable mining
- e) None of these

Ans: a

Q.44) INS Kadmatt has been on a long range operational deployment to the North Pacific Ocean. Which category of ship is it?

- a) Destroyer
- b) Frigate
- c) Corvette
- d) Pollution Control Vessel
- e) None of these

Ans: c

Q.45) Who has been appointed as the Director General of Police of the Telangana Government?

- a) Sudhir Saxena
- b) Vijay Kumar
- c) Ravi Gupta
- d) Manoj Malaviya
- e) None of these

Ans: c

Q.46) According to the latest NCRB 2022 annual report, by what percentage did the crimes against women in India rise?

- a) 4%
- b) 5%
- c) 6%
- d) 7%
- e) None of these

Ans: a

Q.47) Who has bagged the men's 25m rapid-fire pistol title at the ongoing 66th National Shooting Championship Competitions?

- a) Abhinav Pandey
- b) Abhinav Bindra
- c) Abhinav Choudhary
- d) Jitu Rai
- e) None of these

Ans: c

Q.48) In which place did the President Murmu present National Awards for empowerment of Divyangjan?

- a) New Delhi
- b) Guwahati
- c) Bhopal
- d) Indore
- e) None of these

Ans: a

Q.49) The Loss and Damage fund has been set to be operationalised at COP 28 Summit. In which COP summit the idea of creating the same fund was initiated?

- a) COP 21 b) COP 26 c) COP 27
d) COP 16 e) None of these

Ans: c

Q.50) Recently the former IAS officer Christy Fernandez passed away. He was from which cadre?

- a) Gujarat b) Madhya Pradesh
c) Maharashtra d) Chhattisgarh
e) None of these

Ans: a

Q.51) Consider the following statements regarding 'Gajaraj Suraksha':

1. It was launched by the Ministry of Environment, Forest and Climate Change (MoEFCC) to protect elephants from poaching for their tusks.
2. AI-based technology has been used in Gajaraj Suraksha for the protection of elephants.

Which of the statements given above is/are correct?

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

Ans: b

Exp:

The correct answer is 2 only.

Gajaraj Suraksha:

Q.52) Who has been included in the list of the world's most influential personalities in the field of art by Art Review's 'Power 100' list?

- a) Bharti Kher
b) Anjolie Ela Menon
c) Gulam Mohammed Sheikh
d) Bose Krishnamachari
e) None of these

Ans: d

Q.53) Which state was the venue for the 'Mati Kala Mahotsav' addressed by Amit Shah?

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

Ans: c

Q.54) Which of the following schools won "BATTLE OF MINDS – INDIAN ARMY QUIZ 2023"?

- a) City Montessori School, Lucknow
b) Dewan Public school, Meerut
c) St John's School BLW, Varanasi
d) Seth M.R Jaipuria School, Lucknow
e) None of these

Ans: c

Q.55) Where will the India Internet Governance Forum (IIGF) 2023 be held?

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

Ans: b

Q.56) Where was the world's first portable hospital, 'Aarogya Maitri Aid Cube,' unveiled?

- a) Gurugram b) Noida c) New Delhi
d) Bengaluru e) None of these

Ans: a

Q.57) Which of the following person becomes the fastest Indian to 4,000 T20 runs?

- a) Ruturaj Gaikward b) KL Rahul
c) Shubman Gill d) Suryakumar Yadav
e) None of these

Ans: a

Q.58) _____ becomes first woman officer to be appointed as DG of ICFRE.

- a) Shila Dawre b) Bhawana Kanth
c) Nirja Bhanot d) Kanchan Devi
e) None of these

Ans: d

Q.59) Who recently made chess history as the first brother-sister Grandmaster duo?

- a) Magnus Carlsen and Judit Polgár
- b) R Praggnanandhaa and Vaishali Rameshbabu
- c) Bobby Fischer and Nona Gaprindashvili
- d) Garry Kasparov and Hou Yifan
- e) None of these

Ans: b

Q.60) President Droupadi Murmu pays floral tributes to former President R. Venkataraman on his birth anniversary. In which year did R. Venkataraman serve as the President of India?

- a) 1987 to 1992
- b) 1992 to 1997
- c) 1980 to 1985
- d) 1995 to 2000
- e) None of these

Ans: a

Q.61) Who built the first ship of the survey vessel (large) Shandhyak delivered to Indian Navy?

- a) Cochin Shipyard Limited
- b) Hindustan Shipyard Limited
- c) Mazagon Dock Shipbuilders Limited
- d) Garden Reach Shipbuilders & Engineers (GRSE), Kolkata
- e) None of these

Ans: d

Q.62) Which country has implemented the 'One Province, One Policy' plan for financial risk?

- a) China
- b) Pakistan
- c) Sri Lanka
- d) Nepal
- e) None of these

Ans: a

Q.63) Which organization declared "Rizz" as the Word of the Year 2023?

- a) Merriam-Webster
- b) Oxford
- c) Cambridge
- d) Collins
- e) None of these

Ans: b

Q.64) Where is the 11th Bangladesh Bookfair being

held in Kolkata?

- a) Victoria Memorial
- b) College Square
- c) Park Street
- d) Howrah Bridge
- e) None of these

Ans: b

Q.65) Which organization received the National Award for empowering Persons with Disabilities from the Hon'ble President of India?

- a) Microsoft India
- b) Amazon India
- c) Apple India
- d) Samsung India
- e) None of these

Ans: b

Q.66) Which award did MOVIN receive at the 10th Edition of CII Institute of Logistics' SCALE Awards 2023?

- a) Excellence in Customer Service Award
- b) Innovation in B2C Logistics Award
- c) Innovation in B2B Logistics Award
- d) Logistics Partnership of the Year Award
- e) None of these

Ans: c

Q.67) In which category did Syngenta Foundation India (SFI) receive the first prize at the FICCI awards for the second time in a row?

- a) Sustainable Agriculture Practices
- b) Farmer Empowerment Initiatives
- c) Sustainable Farmer Income Enhancement
- d) Agricultural Innovation and Technology
- e) None of these

Ans: c

Q.68) Which of the following movies won the best international feature, at All Living Things Environment Film Festival?

- a) Pleistocene Park
- b) Deep Rising
- c) All that breathes
- d) A Short film about ice
- e) None of these

Ans: b

Q.69) What is the theme for World Soil Day 2023?

- a) Soil and water, a source of life
- b) Soils: Where food begins
- c) Halt soil salinization, enhance soil production
- d) Keep soil alive, protect soil biodiversity
- e) None of these

Ans: a

Q.70) What is the theme for International Volunteer Day 2023?

- a) Volunteer for an inclusive future
- b) Volunteer now for our common future
- c) solidarity through volunteering
- d) the power of collective action: if everyone did
- e) None of these

Ans: d

Q.71) Recently the Ministry of Panchayati Raj has launched "Gram Manchitra" application. What is it about?

- a) Geo Augmentation platform for MGNREGA scheme implementation
- b) Unified Geo Spatial platform for visualisation of developmental works
- c) Geo Augmentation platform for AMRUT scheme implementation
- d) Unified Village Census portal
- e) None of these

Ans: b

Q.72) Which Indian state has received global acclaim for afforestation efforts at COP28 Summit in Dubai?

- a) Uttar Pradeshtra b) Bihar
- c) Maharashtra d) Andhra Pradesh
- e) None of these

Ans: b

Q.73) The RBI has cancelled the license of which bank?

- a) Shankarrao Pujari Nutan Nagari Sahakari Bank
- b) Vidarbha Konkan Gramin Bank

- c) Chaitanya Godavari Grameena Bank
- d) Baroda Rajasthan Kshetriya Gramin Bank
- e) None of these

Ans: a

Q.74) Athlete Murali Sreeshankar is about to receive Jimmy George Award. Which sport event is he related with?

- a) Javelin throw b) Wrestling
- c) Shooting d) Long Jump
- e) None of these

Ans: d

Q.75) Which country has named the cyclone 'Michaung'?

- a) Oman b) Maldives c) Myanmar
- d) Malaysia e) None of these

Ans: c

Q.76) Who has been honored with the National Award for 'Best Personality- Empowerment of Differently-abled'?

- a) Prashant Agrawal b) Pratima Bhounmik
- c) Ramdas Athawale d) A. Narayan Swami
- e) None of these

Ans: a

Q.77) Who has been appointed as the new Vice Chief of Naval Staff?

- a) Vice Admiral Sanjay Jasjit Singh
- b) Vice Admiral Rajesh Pendharkar
- c) Vice Admiral Dinesh Tripathi
- d) Vice Admiral Suraj Berry
- e) None of these

Ans: c

Q.78) Who took the charge of Insolvency and Bankruptcy Board of India's Executive Director?

- a) Ravi Mittal
- b) Kalavathi Srivastava
- c) Ramalingam Sudhakar
- d) Jithesh John

e) None of these

Ans: d

Q.79) Which University of India has received the CII Sports Business Awards 2023?

- a) SRM University
- b) KIIT University
- c) VIT University
- d) BITS Pilani
- e) None of these

Ans: b

Q.80) Which agency has been awarded the coveted title of “India’s Best Packaging Design Studio” at India’s Best Design Awards 2023?

- a) Confetti Design Studio
- b) Almond Branding
- c) SimplePlan Media
- d) Brand Provoke
- e) None of these

Ans: b

Q.81) Which city has been declared the safest city in India for the third consecutive year, as per the NCRB REPORT 2022?

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

Ans: b

Q.82) Who is the first Indian to operate the Mars Perseverance rover?

- a) Dr. Akshata Krishnamurthy
- b) Dr. Vikram Singh
- c) Dr. Priya Patel
- d) Dr. Sanjay Verma
- e) None of these

Ans: a

Q.83) Who has been announced as the Chief Minister of Telangana by Congress General Secretary KC Venugopal in November 2023?

- a) K Chandrashekar Rao (KCR)
- b) Revanth Reddy
- c) Sonia Gandhi
- d) Rahul Gandhi
- e) None of these

Ans: b

Q.84) What is the primary focus of the “Inno Yodha 2023” event organized by the Indian Army?

- a) Cultural exchange
- b) Technological innovation
- c) Sports competition
- d) Historical reenactment
- e) None of these

Ans: b

Q.85) What is the significance of Operation Nanhe Faristey by the RPF in November 2023?

- a) Prevention of train accidents
- b) Rescuing children from traffickers
- c) Checking passenger tickets
- d) Improving railway amenities
- e) None of these

Ans: b

Q.86) Municipal body passes proposal to rename Firozabad. What is the proposed new name for Firozabad?

- a) Firoz Nagar
- b) Chandra Nagar
- c) Firozpur
- d) Chandra City
- e) None of these

Ans: b

Q.87) Uttar Pradesh government rolls out CM Fellowship Program. What is the objective of the CM Fellowship Programme?

- a) Promoting sports in urban areas
- b) Enhancing healthcare facilities in rural regions
- c) Fostering development in Aspirational Cities
- d) Improving transportation infrastructure
- e) None of these

Ans: c

Q.88) Which Indian state has achieved the highest conviction rate in cases of violence against women for the fourth consecutive year, as per the latest National Crime Records Bureau (NCRB) data released for 2022?

- a) Maharashtra
- b) Uttar Pradesh
- c) Tamil Nadu
- d) Rajasthan

e) None of these

Ans: b

Q.89) Which of the following is the most searched article over Wikipedia in 2023?

- a) ChatGPT b) India c) ICC Cricket World Cup
d) Deaths e) None of these

Ans: a

Q.90) India observes 6 December as Mahaparinirvan Divas to mark the death anniversary of Dr BR Ambedkar. In which year did he pass away?

- a) 1948 b) 1952 c) 1956 d) 1960 e) None of these

Ans: c

Q.91) Who has become the first woman medical officer to be deployed at Siachen?

- a) Captain Amrita Shergil
b) Captain Aloka Bisht
c) Captain Geetika Koul
d) Captain Shiva Chouhan
e) None of these

Ans: c

Q.92) In which country the world's biggest experimental nuclear fusion reactor has been inaugurated?

- a) France b) USA c) China
d) Japan e) None of these

Ans: d

Q.93) Who has become the first batter in cricket to be given out for 'obstructing the field'?

- a) Mushfiqur Rahim b) Uzzaman Rafi
c) Md Rizan Hossan Rizan d) Nayeem Hasan
e) None of these

Ans: a

Q.94) Which footballer has been named as the Time Athlete of the Year?

- a) Cristiano Ronaldo b) Lionel Messi
c) Erling Haaland d) Kylian Mbappe
e) None of these

Ans: b

Q.95) Which among the following countries has refused to sign the COP28-Declaration on Climate and Health?

- a) India b) United Kingdom
c) Netherlands d) Sweden
e) None of these

Ans: a

Q.96) On which date the International Cheetah Day 2023 is observed?

- a) 4th November b) 4th December
c) 6th November d) 6th December
e) None of these

Ans: b

Q.97) What is the theme of the 5th Nagaland Honey Bee Day?

- a) Bees: Nurturing the Ecosystem
b) Bees Flourishing the Apiculture Sector
c) Bees for betterment of Ecology
d) Bee & Honey Trials
e) None of these

Ans: d

Q.98) In which place will the 6th edition of the CSR Journal Excellence Awards be held?

- a) Bombay Stock Exchange, Mumbai
b) National Stock Exchange, Mumbai
c) SEBI bhavan, Mumbai
d) Asian Development Bank, Manila
e) None of these

Ans: a

Q.99) Who is the Indian-origin novelist to be awarded with the Singapore's highest arts accolade?

- a) Salman Rushdie b) Meira Chand
c) Amitav Ghosh d) Chitra Banerjee
e) None of these

Ans: b

Q.100) Which Indian cricketer has become world's No.1 T20I bowler under ICC Rankings?

- a) Ravi Bishnoi b) Jasprit Bumrah
- c) Mohammed Shami d) Kuldeep Yadav
- e) None of these

Ans: a

Q.101) What is the name of the recently discovered plant species in the Southern Western Ghats by the Botanical Survey of India (BSI)?

- a) Impatiens karuppusamyi
- b) Impatiens danii
- c) Impatiens achudanandanii
- d) Impatiens shailajae
- e) None of these

Ans: a

Q.102) In which year Armed Forces Flag Day was celebrated for the first time?

- a) 1946 b) 1949 c) 1948
- d) 1945 e) None of these

Ans: b

Q.103) Which traditional dance form has been recently included in UNESCO's Representative List of the Intangible Cultural Heritage of Humanity?

- a) Kathak b) Garba c) Odissi
- d) Bharatanatyam e) None of these

Ans: b

Q.104) Which Indian state has signed a 175 million dollar loan agreement with the Asian Development Bank (ADB) for road infrastructure development?

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

Ans: d

Q.105) Which city is hosting the 2nd Edition of the Financial Technology event, 'Infinity Forum 2.0,' addressed by Prime Minister Narendra Modi?

- a) Mumbai b) Delhi c) Bengaluru

- d) Gujarat e) None of these

Ans: d

Q.106) Who has been selected as the UK government's new BBC chairman in December 2023?

- a) Richard Sharp b) Dr Samir Shah
- c) Boris Johnson d) Tzipi Hotovely
- e) None of these

Ans: b

Q.107) Who addressed the inaugural session of the 59th Fertiliser Association of India Annual Seminar 2023 in New Delhi?

- a) Prime Minister Narendra Modi
- b) Union Minister Mansukh Mandaviya
- c) Chief Minister Bhupendra Patel
- d) Union Minister Piyush Goyal
- e) None of these

Ans: b

Q.108) International Civil Aviation day is celebrated on 7 December every year. In which year was the day declared?

- a) 1995 b) 1996 c) 1997
- d) 1998 e) None of these

Ans: b

Q.109) Where was the first session of the Combined Leadership Conclave presided over by Chief of Defence Staff (CDS) General Anil Chauhan held?

- a) Dehradun b) New Delhi c) Rajasthan
- d) Chennai e) None of these

Ans: b

Q.110) What is the theme of the 'Uttarakhand Global Investors Summit 2023' inaugurated by Prime Minister Narendra Modi?

- a) Unity for Development
- b) Peace to Prosperity
- c) Global Harmony Initiative
- d) Investment for Sustainability
- e) None of these

Ans: b

Q.111) Where is India's first urban flood mitigation project approved?

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

Ans: c

Q.112) Who secured the year-end No. 1 spot in the 2023 ATP Rankings for a record eighth time?

- a) Carlos Alcaraz b) Novak Djokovic
- c) Daniil Medvedev d) Jannik Sinner
- e) None of these

Ans: b

Q.113) Who launched the book "Naye Bharat ka Samveda" in New Delhi on December 7, 2023?

- a) Former President Ram Nath Kovind
- b) Smriti Irani
- c) Prime Minister Narendra Modi
- d) The current President of India
- e) None of these

Ans: a

Q.114) Which Indian state is going to attend the World Economic Forum meeting in Davos, Switzerland?

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

Ans: b

Q.115) Where will the first Indian Art, Architecture & Design Biennale (IAADB) 2023 be inaugurated by Prime Minister Narendra Modi?

- a) Ahmedabad b) Varanasi
- c) Kolkata d) Delhi
- e) None of these

Ans: d

Q.116) In December 2023 which volcano recently erupted in western Indonesia, leading to the tragic incident involving hikers?

- a) Mount Merapi b) Mount Tambora

- c) Mount Marapi d) Mount Bromo
- e) None of these

Ans: c

Q.117) What is the key focus of the India Infrastructure Report 2023, as highlighted by Shri M. Venkaiah Naidu during its virtual release?

- a) Technological Advancements in Urban Planning
- b) Financial Sustainability of Urban Local Bodies
- c) Urban Transportation Planning
- d) Sustainable All-round Development
- e) None of these

Ans: d

Q.118) What is the name of Google's new AI model that was launched in December 2023, and what are the immediate applications of its less sophisticated versions called Nano and Pro?

- a) AI Gem b) Project Quantum
- c) Project Gemini d) Nano Pro
- e) None of these

Ans: c

Q.119) Which institution conducted the first-ever genome sequencing of the jamun tree (Syzygium cumini)?

- a) Indian Institute of Science Education and Research (IISER Bhopal)
- b) Indian Council of Agricultural Research (ICAR)
- c) Tata Institute of Fundamental Research (TIFR)
- d) National Institute of Plant Genome Research (NIPGR)
- e) None of these

Ans: a

Q.120) Which company unveiled the Condor quantum-computing chip with 1,121 superconducting qubits in December 2023?

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

Ans: c

Q.121) Which country is hosting the Annual GPAI Summit in December 2023?

- a) China b) India c) US
d) France e) None of these

Ans: b

Q.122) Which state government is involved in the partnership with “The Art of Living” for the Natural Farming initiative?

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

Ans: b

Q.123) Where was the 6th NSA-level Meeting of Colombo Security Conclave held?

- a) Colombo, Sri Lanka b) Port Louis, Mauritius
c) New Delhi, India d) Dhaka, Bangladesh
e) None of these

Ans: b

Q.124) Who is collaborating with UNICEF to launch the “Green Rising” initiative?

- a) China b) India c) Brazil
d) South Africa e) None of these

Ans: b

Q.125) RBI keeps policy repo rate unchanged at 6.5 percent in monetary review meeting. What does the policy repo rate signify in the context of monetary policy?

- a) The rate at which banks lend to each other overnight
b) The rate at which banks borrow from the RBI
c) The rate at which RBI borrows from commercial banks
d) The rate at which banks lend to the government
e) None of these

Ans: b

Q.126) Which publication honored Federal Bank with the “Bank of the Year (India)” title?

- a) Forbes b) The Economist
c) The Banker, Financial Times d) Bloomberg
e) None of these

Ans: c

Q.127) Where was the Avionics Expo 2023 inaugurated?

- a) Mumbai b) New Delhi c) Bengaluru
d) Hyderabad e) None of these

Ans: b

Q.128) Who is set to replace Analjit Singh as the Chairman of Max Life Insurance?

- a) Rajiv Anand
b) Analjit Singh
c) Rajat Kumar
d) Kumar Mangalam Birla
e) None of these

Ans: a

Q.129) Which insurance company is highlighted as the fourth largest insurer in the world in the S&P Global study?

- a) AIG b) ICICI Prudential c) Bajaj Allianz
d) LIC e) None of these

Ans: d

Q.130) Which two companies have initiated the ‘AI Alliance’?

- a) Google and Microsoft b) Meta and IBM
c) Apple and NVIDIA d) Facebook and Amazon
e) None of these

Ans: b

Q.131) ‘Agni-1’ missile has recently been test launched. Under which category this missile comes?

- a) Short-Range Ballistic Missile
b) Long Range Ballistic Missile
c) Short Range Cruise Missile
d) Inter-continental Ballistic Missile
e) None of these

Ans: a

Q.132) The Bodhi Day has been celebrated on 8th December, 2023. Where did Goutam Buddha attain his enlightenment?

- a) Sarnath b) Bodh Gaya c) Kushinagar
- d) Lumbini e) None of these

Ans: b

Q.133) The Hanukkah festival is integral to which religion?

- a) Christianity b) Zoroastrianism
- c) Islam d) Judaism
- e) None of these

Ans: d

Q.134) Recently the Mera Gaon, Meri Dharohar Program has been in the news. What is the fundamental aim of this project?

- a) Map the agrarian lands across rural India
- b) Map the newly constructed rural roadways
- c) Map the India's cultural diversity
- d) Map the agrarian lands along with sub-urban settlements
- e) None of these

Ans: c

Q.135) Where did the 6th NSA-level Meeting of Colombo Security Conclave take place?

- a) Sri Lanka b) Myanmar
- c) India d) Mauritius
- e) None of these

Ans: d

Q.136) Which Indian film has won the Silver Yusr Award at the Red Sea International Film Festival 2023?

- a) Hanging Gardens b) In Flames
- c) Dear Jassi d) The Teacher
- e) None of these

Ans: c

Q.137) Who will be felicitated with the Motion Picture Association Asia-Pacific Copyright Educator

of the Year Award?

- a) Siddharth Roy Kapur b) Khwaja Ahmad Abbas
- c) Arun Kumar Ahuja d) Farhan Akhtar
- e) None of these

Ans: a

Q.138) Who has been conferred with the 'Ati Vishisht Rail Seva Award'?

- a) Arun Kumar Jain b) Satish Kumar
- c) Roop N. Sunker d) Prashasti Srivastava
- e) None of these

Ans: d

Q.139) At COP28, the draft text for the Santiago Network has been adopted. What is it related to?

- a) To bolster sustainable shipping
- b) To help developing countries from climate change impacts
- c) To boost green energy infrastructure development
- d) To usher environmental awareness among developing countries
- e) None of these

Ans: b

Q.140) Which of the following awards has been posthumously awarded to India's first Chief of Defense Staff General Bipin Rawat?

- a) Padma Bhushan b) Ashoka Chakra
- c) Padma Vibhushan d) Bharat Ratna
- e) None of these

Ans: c

Q.141) Who has taken oath as the Chief Minister of Mizoram in December 2023?

- a) Shri Pu. Lalduhoma b) Shri Zoramthanga
- c) Shri Pu Laldenga d) Shri Thenphunga Sailo
- e) None of these

Ans: a

Q.142) Which country has been selected as the pioneer lead country for the International

Maritime Organization (IMO) Green Voyage2050 Project?

- a) China b) India c) Brazil
- d) Australia e) None of these

Ans: b

Q.143) For what purpose did the Ministry of Defence sign a contract worth Rs 588.68 Cr with Telecommunications Consultants India Limited (TCIL)?

- a) Aircraft Acquisition
- b) Cybersecurity Enhancement
- c) Border Infrastructure Development
- d) Digital Coast Guard Project
- e) None of these

Ans: d

Q.144) With whom did EKI Energy Services collaborate to promote the sustainable indoor solar cooking system?

- a) Indian Oil Corporation b) Tata Power
- c) Adani Green Energy d) Bharat Petroleum
- e) None of these

Ans: a

Q.145) The 38th SAARC Charter Day was observed on December 8, 2022, during a regional workshop on Urban Resilience and Making Cities Resilient. Where is the headquarter of SAARC located?

- a) New Delhi, India b) Colombo, Sri Lanka
- c) Kathmandu, Nepal d) Thimphu, Bhutan
- e) None of these

Ans: c

Q.146) Where is the Krishnaveni Sangeetha Neerajanam musical festival organized by the Ministry of Tourism taking place?

- a) Jaipur, Rajasthan
- b) Vijayawada, Andhra Pradesh
- c) Varanasi, Uttar Pradesh
- d) Mysuru, Karnataka

e) None of these

Ans: b

Q.147) What was the growth rate of the Indian economy during the first six months of the current fiscal, as mentioned by Prime Minister Narendra Modi?

- a) 6.2 per cent b) 7.7 per cent
- c) 8.5 per cent d) 9.2 per cent
- e) None of these

Ans: b

Q.148) What is the rank of India in the Climate Change Performance Index 2023?

- a) 6th b) 7th c) 8th d) 9th e) None of these

Ans: b

Q.149) Who has Union Bank of India collaborated with to accelerate data-driven transformation in December 2023?

- a) IBM b) TCS c) Accenture
- d) Infosys e) None of these

Ans: c

Q.150) What is the theme of the event marking the 75th anniversary of International Day of Commemoration of the Victims of Crime of Genocide?

- a) The Evolution of International Criminal Law
- b) Achieving Universal Ratification
- c) A Living Force in World Society
- d) Challenges in Genocide Prevention
- e) None of these

Ans: c

Q.151) What is the increased transaction limit set by the Reserve Bank of India (RBI) for Unified Payments Interface (UPI) payments to hospitals and educational institutions?

- a) Rs 1 lakh b) Rs 2 lakh c) Rs 3 lakh
- d) Rs 5 lakh e) None of these

Ans: d

Q.152) Which organizations co-hosted the Global Health Conference with Sri Madhusudan Sai Institute of Medical Sciences and Research (SMSIMSR) at Chikkaballapur district in Karnataka?

- a) Sri Sathya Sai University for Human Excellence
- b) AIIMS New Delhi
- c) Sri Sathya Sai Sarla Memorial Hospital
- d) National Centre for Promotion of Employment for Disabled People (NCPEDP)
- e) None of these

Ans: b

Q.153) Which organization collaborated with the National Centre for Promotion of Employment for Disabled People (NCPEDP) to present the NCPEDP-LTImindtree Helen Keller Awards?

- a) LTImindtree
- b) Amar Seva Sangam
- c) TVS Motor Company
- d) NatWest India
- e) None of these

Ans: a

Q.154) Which country won the Admiral's Cup 2023 held at the Indian Naval Academy?

- a) Brazil
- b) USA
- c) Italy
- d) Russia
- e) None of these

Ans: c

Q.155) With whom did the Asian Infrastructure Investment Bank (AIIB) collaborate to promote sustainable infrastructure development?

- a) World Bank
- b) International Monetary Fund (IMF)
- c) Asian Development Bank (ADB)
- d) United Nations Development Programme (UNDP)
- e) None of these

Ans: d

Q.156) From which state did the legendary film personality Leelavathi belong who died in December 2023?

- a) Tamil Nadu
- b) Karnataka

- c) Andhra Pradesh
- d) Kerala
- e) None of these

Ans: b

Q.157) Indian Scientist Dr. Hemachandran Ravikumar was awarded _____ 2023 Global Recognition for Outstanding Scientific Contributions.

- a) Karmaveer Chakra Medal
- b) Padma Bhushan
- c) Homi Bhabha Award for Science Education
- d) ICMR Awards
- e) None of these

Ans: a

Q.158) According to the 2023 World Malaria Report, what percentage of malaria cases in the WHO South-East Asia Region did India account for in 2022?

- a) 46%
- b) 55%
- c) 66%
- d) 75%
- e) None of these

Ans: c

Q.159) In the QS World University Rankings: Sustainability 2024, what is the global ranking of Delhi University?

- a) 151st
- b) 220th
- c) 303rd
- d) 387th
- e) None of these

Ans: b

Q.160) What is the name of the project launched by the Kozhikode district administration to clean up coastal areas, as mentioned in the article?

- a) Clean Kerala Initiative
- b) Suchitwa Theera
- c) Malinya Muktha Navakeralam
- d) Coastal Cleanup Drive
- e) None of these

Ans: b

Q.161) Lakadong turmeric and Larnai pottery have recently got GI Tag recognition. They are native to which Indian state?

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

Ans: a

Q.162) The Shidao Bay plant, the world's first fourth-generation nuclear reactor has been launched by which country?

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

Ans: b

Q.163) Vishnu Deo Sai has been appointed as the new Chief Minister of which state?

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

Ans: c

Q.164) Which state has hosted the 26th Eastern Zonal Council Meeting?

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

Ans: b

Q.165) Which department of the the Union Ministry of Commerce is hosting the 27th WAIPA World Investment Conference?

- a) Department of Commerce
b) Department for Promotion of Industry & Internal Trade
c) Department of Industrial Policy & Promotion
d) Department of Investment and Public Asset Management
e) None of these

Ans: b

Q.166) Which Department of the Union Government has launched the scheme and web-portal for National Awards for e-Governance?

- a) Department of Scientific and Industrial Research
b) Department of Personnel and Training
c) Department of Rural Development
d) Department of Administrative Reforms and

Public Grievances

- e) None of these

Ans: d

Q.167) As per the NCRB report 2022, which Indian state has topped in the number of fatalities in road accidents?

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

Ans: a

Q.168) Which company's CEO has been emerged as the highest paid CEO in India?

- a) HCL Technologies
b) Infosys
c) Wipro d) Hindustan Unilever Limited
e) None of these

Ans: c

Q.169) What is the theme of the International Mountain Day 2023?

- a) Women Move Mountains
b) Sustainable Mountain Tourism
c) Restoring Mountain Ecosystems
d) Protecting Mountain Biodiversity
e) None of these

Ans: c

Q.170) When was UNICEF formed?

- a) 10 October 1946 b) 11 December 1946
c) 15 December, 1947 d) 7 April 1948
e) None of these

Ans: b

Q.171) Who is set to be the new Chief Minister of Madhya Pradesh?

- a) Jagdish Devda b) Rajendra Shukla
c) Mohan Yadav d) Shivraj Singh Chouhan
e) None of these

Ans: c

Q.172) Who has been named as the International Anti-Corruption Champion by the US State Department?

- a) Nikhil Dey
- b) Antonio Cervantes García
- c) Jean de Dieu Rakotondramihamina
- d) Rozina Islam
- e) None of these

Ans: a

Q.173) Who is set to receive the Padmapani Lifetime Achievement Award at the Ajanta-Ellora Film Festival?

- a) Amitabh Bachchan b) Javed Akhtar
- c) Rishi Kapoor d) Shashi Kapoor
- e) None of these

Ans: b

Q.174) What is the objective of 'Viksit Bharat @2047: Voice of Youth'?

- a) Economic Development
- b) Youth Empowerment and Participation
- c) Environmental Conservation
- d) National Security
- e) None of these

Ans: b

Q.175) Which armed forces are participating in the Joint Military Exercise VINBAX-2023?

- a) Indian and Vietnam b) India and China
- c) India and Russia d) India and US
- e) None of these

Ans: a

Q.176) Who virtually addressed the pre-event summit "Biotechnology: The Path of Innovation & Wellness for Viksit Bharat"?

- a) Bhupendra Patel b) Dr. Mansukh Mandaviya
- c) Jitendra Singh d) Nitin Gadkari
- e) None of these

Ans: b

Q.177) Which Indian Navy ship recently made its maiden entry at Port Lamu, Kenya?

- a) INS Vikrant b) INS Sumedha
- c) INS Pralaya d) INS Kavaratti
- e) None of these

Ans: b

Q.178) Who inaugurated the 'Krishnaveni Sangeetha Neerajanam' in Vijayawada?

- a) Narendra Modi b) Nirmala Sitharaman
- c) Amit Shah d) Nitin Gadkari
- e) None of these

Ans: b

Q.179) What is Adani Green Energy Limited's (AGEL) current ranking in the global solar PV developer sector according to Mercom Capital Group's Annual Global Report?

- a) First b) Second c) Third
- d) Fourth e) None of these

Ans: b

Q.180) Who has been named as the TIME person of the year 2023?

- a) Taylor Swift b) Lionel Messi
- c) Narendra Modi d) Shahrukh Khan
- e) None of these

Ans: a

Q.181) What is the theme for Universal Health Coverage Day 2023?

- a) Universal Health Coverage: Everyone, Everywhere
- b) Health for all—Protect everyone
- c) Build the world we want: A healthy future for all
- d) Health For All: Time for Action
- e) None of these

Ans: d

Q.182) What is the primary focus of the Indian Forest & Wood Certification Scheme launched by the Ministry of Environment, Forests and Climate Change?

- a) Wildlife Conservation Certification
- b) Water Resource Management Certification
- c) Forest and Wood Certification
- d) Air Quality Certification
- e) None of these

Ans: c

Q.183) What significant event topped Google searches in India in 2023?

- a) Chandrayaan b) Jawan
- c) IPL d) G20
- e) None of these

Ans: a

Q.184) What is the notable feature of the road connecting NH-6 to Hazira Port in India?

- a) Four Lane Concrete Road
- b) Six Lane Steel Slag based Road
- c) Two Lane Asphalt Road
- d) Eight Lane Gravel Road
- e) None of these

Ans: b

Q.185) What is the main finding of the study on Budgett's frog protein?

- a) It enhances enzyme activity in disease-causing pathogens.
- b) It inhibits the enzymes of disease-causing pathogens.
- c) It helps to prevent cancer
- d) It stimulates the growth of pathogens.
- e) None of these

Ans: b

Q.186) Which edition of the Indian Film Festival Melbourne is being celebrated in 2024?

- a) 10th b) 15th c) 20th d) 25th e) None of these

Ans: b

Q.187) Who served as the 8th UN Secretary-General and was honoured with the Diwali Power of One Award in 2023?

- a) Ban Ki-moon b) Mirsada Colakovic
- c) Kim Sook d) Miroslav Lajcak
- e) None of these

Ans: a

Q.188) Who has been elected as the new Prime Minister of Poland following a confidence vote in parliament?

- a) Mateusz Morawiecki b) Andrzej Duda
- c) Donald Tusk d) KarosBaw KaczyDski
- e) None of these

Ans: c

Q.189) President Vladimir Putin unveils two new nuclear-powered submarines. What are the names of the newly inaugurated nuclear-powered submarines?

- a) Kursk and Leningrad
- b) Krasnoyarsk and Emperor Alexander the Third
- c) Red October and Siberian Tiger
- d) Volga and Ural
- e) None of these

Ans: b

Q.190) How many Geographical Indication (GI) tags did Uttarakhand secure in a single day, making it a historic achievement?

- a) 10 b) 15 c) 18 d) 20 e) None of these

Ans: c

Q.191) Who has been selected for the 33rd Vyas Samman award, 2023, for the outstanding Hindi literary work "Yaadein, Yaadein aur Yaadein"?

- a) Prof Ramji Tiwari b) Ruskin Bond
- c) Pushpa Bharati d) Vikram Seth
- e) None of these

Ans: c

Q.192) Who was announced as the new Chief Minister of Rajasthan in the BJP Legislature Party meeting held on December 12, 2023?

- a) Vasundhara Raje
- b) Bhajanlal Sharma
- c) Diya Kumari
- d) Kirodi Lal Meena
- e) None of these

Ans: b

Q.193) At the COP-28 Climate Conference, what category did Dr. Atul Shah win the 2023 REACH's Game Changing Innovator award in?

- a) Climate Change Advocacy
- b) Healthcare Administration
- c) Game Changer Innovation
- d) Environmental Conservation
- e) None of these

Ans: c

Q.194) What is the estimated global annual finance flow mentioned in the State of Finance for Nature 2023 report?

- a) \$1 trillion b) \$3 trillion c) \$5 trillion
- d) \$7 trillion e) None of these

Ans: d

Q.195) Which country launched the world's deepest and largest underground laboratory?

- a) China b) India c) United States
- d) Russia e) None of these

Ans: a

Q.196) Who has been awarded the Italy's civilian honour 'Order of Merit'?

- a) Kabir Bedi b) Sendhil Ramamurthy
- c) Noreen DeWulf d) Parminder Nagra
- e) None of these

Ans: a

Q.197) Nahida Akter has claimed the ICC Women's Player of the Month (November) prize. Which country does she belong to?

- a) Pakistan b) Bangladesh c) Afghanistan
- d) India e) None of these

Ans: b

Q.198) Which bank has launched the 'Nari Shakti Savings Account'?

- a) Punjab National Bank b) Indian Overseas Bank
- c) State Bank of India d) Bank of India
- e) None of these

Ans: d

Q.199) According to the United Nations, which country has become the world's largest source of opium?

- a) Myanmar b) Afghanistan c) Indonesia
- d) Philippines e) None of these

Ans: a

Q.200) Recently PM Modi has sanctioned the urban flood mitigation project for Chennai. Which fund did the budget allocation for this project come from?

- a) National Disaster Mitigation Fund
- b) Mitigation, Preparedness and Recovery Fund
- c) National Calamity Contingency Fund
- d) National Disaster Response Fund
- e) None of these

Ans: a

Q.201) Under which scheme has the Ministry of New & Renewable Energy installed 140 MW solar power plants and 2.73 lakh Stand-alone Solar Pumps?

- a) Pradhan Mantri Kisan Samman Nidhi (PM-KISAN)
- b) Atal Solar Krishi Pump Yojana (ASKPY)
- c) Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM)
- d) Solar Agriculture Development Scheme (SADS)
- e) None of these

Ans: c

Q.202) What was the inflation rate in November, according to the Consumer Price Index (CPI)?

- a) 4.87% b) 5.3% c) 8.7%
- d) 5.55% e) None of these

Ans: d

Q.203) Who has been awarded the prestigious 'Elite 3-star' rating by the All India Football Federation (AIFF)?

- a) Zinc Football Academy
- b) Arun Misra
- c) Dilip Singh Shekhawat
- d) Maitreyee Sankhla
- e) None of these

Ans: a

Q.204) Who has been appointed as the new Hyderabad Police Commissioner, replacing Sandeep Shandilya in December 2023?

- a) Avinash Mohanty
- b) Sudheer Babu
- c) Kothakota Sreenivasa Reddy
- d) Sandeep Shandilya
- e) None of these

Ans: c

Q.205) What is the primary aim of the "Bhagwant Mann Sarkar Tuhade Dwar" scheme, launched by AAP leader Arvind Kejriwal and Punjab Chief Minister Bhagwant Mann?

- a) Promoting agricultural reforms
- b) Enhancing transportation infrastructure
- c) Tackling corruption and delivering citizen-centric services
- d) Implementing digital literacy programs
- e) None of these

Ans: c

Q.206) Who launched the Global River Cities Alliance (GRCA) at COP28, the United Nations Climate Change Conference in Dubai, on December 2023?

- a) Sadhguru of the Isha Foundation
- b) Shri G Asok Kumar, Special Secretary & Director General of NMCG
- c) H.E. Mr. Mark Harbers, Minister of Infrastructure

and Water Management, Government of the Netherlands

- d) Shri Gajendra Singh Shekhawat, Union Minister for Jal Shakti
- e) None of these

Ans: b

Q.207) Which rocket achieved the historic feat of being the world's first methane-powered rocket, successfully launching three satellites into orbit on December 2023?

- a) Nebula-1 Y-2 by Deep Blue Aerospace
- b) Gravity-1 by OrienSpace
- c) Ceres-1 by Galactic Energy
- d) Zhuque-2 Y-3 by LandSpace Technology
- e) None of these

Ans: d

Q.208) Who inaugurated the 15th Capacity Building Senior Officers' Meeting (CBSOM-2023)?

- a) Narendra Modi
- b) Rakesh Pal
- c) Rajnath Singh
- d) R. Hari Kumar
- e) None of these

Ans: b

Q.209) Which company is state-owned and signed the pact for the supply of diesel locomotives with CFM Mozambique?

- a) RITES Ltd
- b) BHEL
- c) SAIL
- d) HAL
- e) None of these

Ans: a

Q.210) What was the focus of the Western Air Command Commanders' Conference held on 11 and 12 Dec 23 in New Delhi?

- a) Electronic warfare
- b) Cybersecurity
- c) Space
- d) All of the above
- e) None of these

Ans: d

Q.211) Who won the gold medal in the paralifting elite 45kg category at the Khelo India National Para Games?

- a) Jaspreet Kaur from Punjab
- b) Sapna Shah from Gujarat
- c) Sonam Patil of Maharashtra
- d) Nehal Gupta of Uttar Pradesh
- e) None of these

Ans: a

Q.212) What was the focus of the meeting held by Shri Dharmendra Pradhan regarding the reconstituted National Book Promotion Council in December 2023?

- a) Implementation of digital platforms for book consumption
- b) Assessment of the draft National Book Promotion Policy
- c) Promotion of Indian culture through literature
- d) Discussion on National Education Policy 2020
- e) None of these

Ans: b

Q.213) Who has been recommended for the Arjuna Award for this year, following an outstanding performance in the ODI World Cup?

- a) Mohammed Shami b) Rohit Sharma
- c) Virat Kohli d) Jasprit Bumrah
- e) None of these

Ans: a

Q.214) What is the name of the jointly-developed satellite launched by China and Egypt in December 2023?

- a) NileSat-1 b) ChinaSat-2 c) MisrSat-2
- d) CairoSat-1 e) None of these

Ans: c

Q.215) In December 2023 India has initiated talks on a Free Trade Pact with _____.

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

Ans: a

Q.216) Who launched the Strategic Framework of Drowning Prevention in India in December 2023?

- a) Prime Minister Narendra Modi
- b) Minister of Health and Family Welfare, Dr. Bharati Pravin Pawar
- c) Director General Health Services, Dr. Atul Goel
- d) Minister of State for Health and Family Welfare, Professor S.P. Singh Bhagel
- e) None of these

Ans: d

Q.217) What is the primary focus of the Udaiti Foundation's "Close the Gender Gap (CGG)" initiative?

- a) Environmental conservation
- b) Promoting inclusive workplace policies and gender equality
- c) Education reform
- d) Healthcare improvement
- e) None of these

Ans: b

Q.218) Who currently (as of Dec 2023) holds the top position in the ICC Men's T20I Batter Rankings?

- a) Babar Azam b) Suryakumar Yadav
- c) Aiden Markram d) Travis Head
- e) None of these

Ans: b

Q.219) What edition of the Social Innovator Fellowship Program winners was recently announced by Schaeffler India?

- a) 1st Edition b) 2nd Edition
- c) 3rd Edition d) 4th Edition
- e) None of these

Ans: b

Q.220) What does AMRIT stand for in the context of water purification technology?

- a) Advanced Metal Removal and Ion Treatment
- b) Arsenic and Metal Removal by Indian Technology

- c) Aqua Microfiltration and Iron Treatment
- d) All Metal Removal and Ion Technology
- e) None of these

Ans: b

Q.221) What is the highest prevalence of psychoactive substance use among Indians according to the national survey in December 2023?

- a) Cannabis b) Alcohol c) Opioids
- d) Sedatives e) None of these

Ans: b

Q.222) INS Kadmatt arrived Manila, Philippines for long range op deployment. What type of vessel is INS Kadmatt?

- a) Aircraft Carrier
- b) Submarine
- c) Anti-Submarine Warfare Corvette
- d) Frigate
- e) None of these

Ans: c

Q.223) In which naval dockyard was the commissioning ceremony held for INS Tarmugli?

- a) Mumbai b) Kochi c) Visakhapatnam
- d) Chennai e) None of these

Ans: c

Q.224) What is the name of the institute that conducted 'Mission Antarctica'?

- a) Everest Climbing Academy
- b) Himalayan Mountaineering Institute, Darjeeling
- c) Polar Adventure Institute
- d) Antarctic Exploration Center
- e) None of these

Ans: b

Q.225) Who has been nominated for the Major Dhyan Chand Khel Ratna Award in the field of badminton?

- A) Satwik Sairaj Rankireddy
- B) Chirag Shetty
- C) Srikanth Kidambi

- a) Only A b) Both B and C
- c) Only B d) Both A and B
- e) None of these

Ans: d

Q.226) What is the collaborative effort between the Department of Atomic Energy and IDRS Labs?

- a) Project AKTOCYTE
- b) Radiotherapy Alliance
- c) FSSAI Approval Initiative
- d) Cancer Treatment Coalition
- e) None of these

Ans: a

Q.227) What is the Earth System Model developed at the Indian Institute of Tropical Meteorology (IITM) called?

- a) ISRO-ESM b) IITM-ESM c) INCOIS-ESM
- d) NCMRWF-ESM e) None of these

Ans: b

Q.228) What is the rank of Hyderabad in Mercer's worldwide quality of living ranking for 2023?

- a) 152nd b) 153rd c) 154th
- d) 156th e) None of these

Ans: b

Q.229) Who has been chosen as the new Speaker of the Telangana state legislative assembly in December 2023?

- a) D Sridhar Babu b) Pocharam Srinivas Reddy
- c) Asaduddin Owaisi d) Gaddam Prasad Kumar
- e) None of these

Ans: d

Q.230) Which French town recently unveiled a statue of Thiruvalluvar, a cultural icon revered by Tamils in December 2023?

- a) Paris b) Cergy c) Lyon
- d) Marseille e) None of these

Ans: b

Q.231) Consider the following statements about the Global Partnership On Artificial Intelligence (GPAI):

1. India is the founding member of the GPAI.
2. The World bank holds the GPAI secretariat.

Select the correct answer from the code given below

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

Ans: a

Q.232) When is National Energy Conservation Day observed?

- a) 12 December b) 13 December
c) 14 December d) 15 December
e) None of these

Ans: c

Q.233) Which bank has been chosen as the top performer of the 2023 Climate Assessment for Financial Institutions Awards?

- a) Bank Of India b) Federal Bank
c) Indian Overseas Bank d) Bank of Baroda
e) None of these

Ans: b

Q.234) For which purpose will SBI sign Rs 630 crore Line of Credit with German Development Bank KfW?

- a) Rural banking penetration
b) Development of irrigation facility
c) Solar PV Cell installation
d) Subsidizing organic farming
e) None of these

Ans: c

Q.235) With which bank has Reliance Industries collaborated to bolster Compressed Biogas project?

- a) Kotak Mahindra Bank b) HDFC Bank
c) DBS Bank India d) IDFC First Bank
e) None of these

Ans: c

Q.236) Who has been appointed as the part-time member of PFRDA board?

- a) Parama Sen b) Deepak Mohanty
c) Rakesh Sharma d) Sumeet Kapoor
e) None of these

Ans: a

Q.237) Which country will host the COP29 summit, 2024?

- a) Brazil b) Azerbaijan
c) Denmark d) Portugal
e) None of these

Ans: b

Q.238) Which bank has the RBI authorised to disburse pensions to railway employees?

- a) State Bank of India
b) Grameen Bank
c) India Post Payments Bank
d) Bandhan Bank
e) None of these

Ans: d

Q.239) Who has been honoured with the “Champions of Change Award (Karnataka)” by the Interactive Forum on Indian Economy?

- a) Sudarshan Nayak b) Bijoy Prakash
c) Bipin Chandra d) Ankur Lekhi
e) None of these

Ans: c

Q.240) Which Indian state has reached the top spot as FDI recipient in 2023?

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

Ans: b

Q.241) What is the highest prevalence of psychoactive substance use among Indians according to the national survey in December 2023?

- a) Cannabis b) Alcohol c) Opioids
d) Sedatives e) None of these

Ans: b

Q.242) INS Kadmatt arrived Manila, Philippines for long range op deployment. What type of vessel is INS Kadmatt?

- a) Aircraft Carrier
- b) Submarine
- c) Anti-Submarine Warfare Corvette
- d) Frigate
- e) None of these

Ans: c

Q.243) In which naval dockyard was the commissioning ceremony held for INS Tarmugli?

- a) Mumbai b) Kochi c) Visakhapatnam
- d) Chennai e) None of these

Ans: c

Q.244) What is the name of the institute that conducted 'Mission Antarctica'?

- a) Everest Climbing Academy
- b) Himalayan Mountaineering Institute, Darjeeling
- c) Polar Adventure Institute
- d) Antarctic Exploration Center
- e) None of these

Ans: b

Q.245) Who has been nominated for the Major Dhyan Chand Khel Ratna Award in the field of badminton?

- A) Satwik Sairaj Rankireddy
- B) Chirag Shetty
- C) Srikanth Kidambi
- a) Only A b) Both B and C c) Only B
- d) Both A and B e) None of these

Ans: d

Q.246) What is the collaborative effort between the Department of Atomic Energy and IDRS Labs?

- a) Project AKTOCYTE
- b) Radiotherapy Alliance
- c) FSSAI Approval Initiative
- d) Cancer Treatment Coalition

e) None of these

Ans: a

Q.247) What is the Earth System Model developed at the Indian Institute of Tropical Meteorology (IITM) called?

- a) ISRO-ESM b) IITM-ESM
- c) INCOIS-ESM d) NCMRWF-ESM
- e) None of these

Ans: b

Q.248) What is the rank of Hyderabad in Mercer's worldwide quality of living ranking for 2023?

- a) 152nd b) 153rd c) 154th
- d) 156th e) None of these

Ans: b

Q.249) Who has been chosen as the new Speaker of the Telangana state legislative assembly in December 2023?

- a) D Sridhar Babu b) Pocharam Srinivas Reddy
- c) Asaduddin Owaisi d) Gaddam Prasad Kumar
- e) None of these

Ans: d

Q.250) Which French town recently unveiled a statue of Thiruvalluvar, a cultural icon revered by Tamils in December 2023?

- a) Paris b) Cergy c) Lyon
- d) Marseille e) None of these

Ans: b

Q.251) Consider the following statements about the Global Partnership On Artificial Intelligence (GPAI):

- 1. India is the founding member of the GPAI.
- 2. The World bank holds the GPAI secretariat.

Select the correct answer from the code given below

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

Ans: a

Q.252) When is National Energy Conservation Day observed?

- a) 12 December b) 13 December
c) 14 December d) 15 December
e) None of these

Ans: c

Q.253) Which bank has been chosen as the top performer of the 2023 Climate Assessment for Financial Institutions Awards?

- a) Bank Of India b) Federal Bank
c) Indian Overseas Bank d) Bank of Baroda
e) None of these

Ans: b

Q.254) For which purpose will SBI sign Rs 630 crore Line of Credit with German Development Bank KfW?

- a) Rural banking penetration
b) Development of irrigation facility
c) Solar PV Cell installation
d) Subsidizing organic farming
e) None of these

Ans: c

Q.255) With which bank has Reliance Industries collaborated to bolster Compressed Biogas project?

- a) Kotak Mahindra Bank b) HDFC Bank
c) DBS Bank India d) IDFC First Bank
e) None of these

Ans: c

Q.256) Who has been appointed as the part-time member of PFRDA board?

- a) Parama Sen b) Deepak Mohanty
c) Rakesh Sharma d) Sumeet Kapoor
e) None of these

Ans: a

Q.257) Which country will host the COP29 summit, 2024?

- a) Brazil b) Azerbaijan
c) Denmark d) Portugal
e) None of these

Ans: b

Q.258) Which bank has the RBI authorised to disburse pensions to railway employees?

- a) State Bank of India
b) Grameen Bank
c) India Post Payments Bank
d) Bandhan Bank
e) None of these

Ans: d

Q.259) Who has been honoured with the "Champions of Change Award (Karnataka)" by the Interactive Forum on Indian Economy?

- a) Sudarshan Nayak b) Bijoy Prakash
c) Bipin Chandra d) Ankur Lekhi
e) None of these

Ans: c

Q.260) Which Indian state has reached the top spot as FDI recipient in 2023?

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

Ans: b

Q.261) During the state visit of Sultan of Oman to India, where did the bilateral talks between Prime Minister Narendra Modi and Sultan Haitham Bin Tarik take place?

- a) Rashtrapati Bhavan b) Hyderabad House
c) Parliament House d) Taj Mahal
e) None of these

Ans: b

Q.262) Which two organizations launched a Tax Inspectors Without Borders (TIWB) programme in Saint Lucia in collaboration with India?

- a) World Bank and IMF b) UNDP and OECD
c) ILO and WHO d) UNESCO and OECD
e) None of these

Ans: b

Q.263) When is Vijay Diwas celebrated every year?

- a) 14 December b) 15 December
- c) 16 December d) 17 December
- e) None of these

Ans: c

Q.264) In which city was the 17th Ryan International Children's Festival 2023 inaugurated in December 2023?

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

Ans: b

Q.265) Which organization successfully conducted the flight trial of the Autonomous Flying Wing Technology Demonstrator, a high-speed flying-wing Unmanned Aerial Vehicle (UAV)?

- a) NASA b) DRDO c) ISRO
- d) ESA e) None of these

Ans: b

Q.266) Which Indian Institute of Technology (IIT) collaborated with the Indian Navy in signing the Memorandum of Understanding (MoU) in December 2023?

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

Ans: c

Q.267) Which city of Gujarat has been approved by the Union Cabinet to be declared as an International Airport?

- a) Ahmedabad b) Surat c) Vadodara
- d) Rajkot e) None of these

Ans: b

Q.268) Where was the 67th National School Games inaugurated by Sports Minister Atishi?

- a) New Delhi b) Gurgaon c) Noida
- d) Gaziabad e) None of these

Ans: a

Q.269) Which bill was passed by Parliament on

December 14, 2023, to establish the Sammakka Sarakka Central Tribal University in Telangana?

- a) The Repealing and Amending Bill, 2023
- b) Tribal University Act, 2023
- c) Telangana Central University Bill, 2023
- d) Central Universities (Amendment) Bill, 2023
- e) None of these

Ans: d

Q.270) In November 2023, what was the decrease in the value of India's goods exports?

- a) \$20.6 billion b) \$54.5 billion
- c) \$50.3 billion d) \$33.9 billion
- e) None of these

Ans: d

Q.271) Which healthcare facility was ranked as 'No.1 Emerging Hospital' in India by The Week-Hansa Research 2023?

- a) Apollo Hospitals b) Fortis Healthcare
- c) Manipal Hospitals d) Aster Medcity
- e) None of these

Ans: d

Q.272) Who were honored as the International Tennis Federation's 2023 ITF World Champions?

- a) Novak and Aryna Sabalenka
- b) Rafael Nadal and Serena Williams
- c) Roger Federer and Simona Halep
- d) Andy Murray and Naomi Osaka
- e) None of these

Ans: a

Q.273) Who in December 2023 made history by being elected to the Governing Council of the International Institute for the Unification of Private Law (UNIDROIT)?

- a) Uma Sekhar b) Meera Shankar
- c) Arpita Ghosh d) Anjali Nambiar
- e) None of these

Ans: a

Q.274) Which two organizations recently signed a Statement of Intent (Sol) to strengthen policy frameworks for agricultural transformation and rural development?

- a) WHO and FAO
- b) NITI Aayog and IFPRI
- c) UNDP and Greenpeace
- d) IMF and World Bank
- e) None of these

Ans: b

Q.275) What is the name of India's first full-stack artificial intelligence solution introduced by Ola?

- a) GPT-4 b) Krutrim AI c) Gemini
- d) Grok e) None of these

Ans: b

Q.276) Who was crowned Miss India USA 2023?

- a) Rijul Maini b) Saloni Rammohan
- c) Sneha Nambiar d) Greeshma Bhat
- e) None of these

Ans: a

Q.277) According to the latest update to the IUCN Red List of Threatened Species, what percentage of freshwater fish species are at risk of extinction?

- a) 10% b) 15% c) 20% d) 25% e) None of these

Ans: d

Q.288) Which international organization released the latest International Debt Report highlighting the challenges faced by developing countries in servicing their external public debt?

- a) International Monetary Fund (IMF)
- b) Asian Development Bank (ADB)
- c) World Bank
- d) European Central Bank (ECB)
- e) None of these

Ans: c

Q.289) What was the primary focus of the India-U.S. Anti-Money Laundering/Countering the Financing

of Terrorism (AML/CFT) Dialogue held in December 2023?

- a) Strengthening cybersecurity measures
- b) Combatting illicit finance risks in virtual assets
- c) Enhancing Bilateral Trade Agreements
- d) Addressing climate change concerns in financial systems
- e) None of these

Ans: b

Q.290) In the LEADS 2023 report, which group of states/UTs is categorized as "Achievers" in the Coastal Group?

- a) Kerala, Maharashtra, Andaman & Nicobar, Odisha
- b) Andhra Pradesh, Gujarat, Karnataka, Tamil Nadu
- c) Odisha, Kerala, Maharashtra, Goa
- d) Kerala, Andhra Pradesh, Gujarat, West Bengal
- e) None of these

Ans: b

Q.291) Who clinched the Maiden Senior National Snooker Title in December 2023?

- a) Sourav Kothari b) Md Hussain Khan
- c) Pankaj Advani d) Aditya Mehta
- e) None of these

Ans: a

Q.292) Who has been appointed as the new Israeli ambassador to India?

- a) Benjamin Netanyahu b) Reuven Azar
- c) Avigdor Lieberman d) Naftali Bennett
- e) None of these

Ans: b

Q.293) In which location in Uttar Pradesh will PM Modi inaugurate 37 development projects valued at around 20,000 crore rupees?

- a) Lucknow b) Varanasi c) Ayodhya
- d) Meerut e) None of these

Ans: b

Q.294) Which state dominated the medal tally at the Khelo India Para Games 2023?

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

Ans: a

Q.295) Where was the life-saving Bone Marrow Transplant conducted for the first time in India?

- a) Delhi Cantt b) Ambala Cantt
- c) Mammon cantt d) Kanpur Cantt
- e) None of these

Ans: a

Q.296) Which film won the Best Film award at the 29th Kolkata International Film Festival?

- a) Chalchitro Ekhon
- b) Children of Nobody
- c) Mon Potongo
- d) Endless Borders
- e) None of these

Ans: b

Q.297) What is the theme for Minorities Rights Day in India, 2023?

- a) Take care of Minority Rights
- b) Protect Minority
- c) All in 4 Minority Rights
- d) Celebrating Diversity and Inclusion
- e) None of these

Ans: d

Q.298) Who inaugurated the Surat diamond exchange, which has become the world's largest office complex?

- a) Narendra Modi
- b) Amit Shah
- c) Bhupendra Patel
- d) Acharya Devvrat
- e) None of these

Ans: a

Q.299) Technical committees of Government to formulate standard on MOIS for vehicles. What does MOIS stand for?

- a) Mobile Operating Information System
- b) Moving Off Information Systems
- c) Motorized Object Identification System
- d) Mechanical Operation Integration System
- e) None of these

Ans: b

Q.300) What is the theme for International Migrants Day 2023?

- a) Reimagining Human Mobility
- b) Integrating migrants into primary health care
- c) leave no one behind
- d) Promoting Safe Migration
- e) None of these

Ans: d

Q.301) Which team emerged victorious in the Vijay Hazare Trophy 2023 final against Rajasthan?

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

Ans: a

Q.302) Who won the final match of the fifth edition of Tennis Premier League (TPL) 2023?

- a) Bengaluru SG Mavericks
- b) Bengal Wizards
- c) Punjab Patriots
- d) Delhi Binny's Brigade
- e) None of these

Ans: a

Q.303) India recently demonstrated the capability of the Akash missile system to engage four aerial targets simultaneously at a range of _____ kms, marking a global first.

- a) 10 b) 15 c) 20 d) 25 e) None of these

Ans: d

Q.304) Which Indian city has been ranked first for food adulteration cases, according to the data released by the National Crime Records Bureau (NCRB) 2022?

- a) Mumbai, Maharashtra
- b) Kolkata, West Bengal
- c) Hyderabad, Telangana
- d) Chennai, Tamil Nadu
- e) None of these

Ans: c

Q.305) Which Indian Institute of Technology (IIT) launched the Kotak School of Sustainability in collaboration with Kotak Mahindra Bank?

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

Ans: b

Q.306) Who addressed the inaugural session of the Animal Health Conclave in New Delhi, emphasizing India's goal to become a world leader in animal husbandry?

- a) Prime Minister Narendra Modi
- b) Parshottam Rupala, Minister of Animal Husbandry and Dairying
- c) Anandiben Patel, Governor of Uttar Pradesh
- d) Brajesh Pathak, Deputy Chief Minister of Uttar Pradesh
- e) None of these

Ans: b

Q.307) As of December 2023 in which city did Prime Minister Narendra Modi inaugurate the world's largest office?

- a) Surat
- b) New Delhi
- c) Mumbai

- d) Rajkot
- e) None of these

Ans: a

Q.308) Where did Vice-President Jagdeep Dhankhar inaugurate the two-day-long Atal Health Fair in memory of former Prime Minister Atal Bihari Vajpayee?

- a) New Delhi, Delhi
- b) Jaipur, Rajasthan
- c) Bhopal, Madhya Pradesh
- d) Lucknow, Uttar Pradesh
- e) None of these

Ans: d

Q.309) What is the name of the air defence missile system successfully test-fired by the Indian Air Force during Exercise AstraShakti-2023?

- a) SAMAR
- b) Akash-II
- c) AstraGuard
- d) Garuda
- e) None of these

Ans: a

Q.310) Where did Prime Minister Narendra Modi inaugurate the Kashi Tamil Sangamam 2023?

- a) Chennai
- b) Madurai
- c) Varanasi
- d) Kanyakumari
- e) None of these

Ans: c

SBI CLERK PRELIMS QUESTION PAPER - ENGLISH

D.1-2) In the following question, sentences are given with a part in bold. The given phrase in the bold may or may not contain an error. The options following can replace the incorrect phrase. The correct phrase that is to be replaced will be your answer. If the sentences are correct then select 'No improvement required' as your answer.

Q.1) It is true that crude prices **has increased significantly** over the last one year.

- a) had increase significantly
- b) have increased significantly
- c) have increase significantly
- d) has increased significant
- e) No improvement required

Ans: b

Exp:

The most suitable replacement for the highlighted phrase is "have increased significantly" as the sentence is in present perfect tense. Option (a) is incorrect as "increase" should have been "increased". Option (c) is incorrect as the correct structure should have been "**have + past participle**". Option (d) is incorrect as the adverb of 'significant' i.e., 'significantly' is required. Hence option (b) is the most suitable answer choice.

Q.2) The cyber cell **had been regularly use** social media platforms to sensitize the public about different cybercrimes.

- a) have been regularly using
- b) has been regular using
- c) had been regularly used
- d) has been regularly using
- e) No improvement required

Ans: d

Exp:

The most suitable phrase for the highlighted phrase is "has been regularly using". Option (a) is incorrect

as the subject of the sentence "cyber cell" is singular. Option (b) is incorrect as the adverb of regular i.e., "regularly" is required. Option (c) is incorrect as it does not follow the correct structure of present perfect continuous tense. The present perfect continuous is formed using the construction has/ have been + the present participle (root + -ing). Hence, option (d) is the most suitable answer choice.

D.3-7) In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five options are given. Find out the appropriate word which fits the blank appropriately.

Pick up any diet book and it will _____ (3) to hold all the answers to successfully losing all the weight you want—and keeping it off. Some claim the key is to eat less and exercise more, others that low fat is the only way to go, while others _____ (4) cutting out carbs. So, what should you believe? The truth is there is no "one size fits all" solution to permanent healthy weight loss. What works for one person may not work for you, since our bodies _____ (5) differently to different foods, depending on genetics and other health factors. To find the method of weight loss that's right for you will likely take time and require patience, commitment, and some _____ (6) with different foods and diets. While some people respond well to counting calories or similar restrictive methods, others respond better to having more _____ (7) in planning their weight-loss programs. Being free to simply avoid fried foods or cut back on refined carbs can set them up for success. So, don't get too discouraged if a diet that worked for somebody else doesn't work

for you. And don't beat yourself up if a diet proves too restrictive for you to stick with. Ultimately, a diet is only right for you if it's one you can stick with over time.

Q.3) ?

- a) claim b) desire c) dismiss
d) reject e) orient

Ans: a

Exp:

The above passage talks about different ways of weight loss hence the correct word for the first blank will be 'claim' which means 'to say that something is true, without having any proof'

desire means the feeling of wanting something very much; a strong wish

dismiss means to decide not to think about something/somebody

reject means to refuse to accept somebody/something

orient means to find out where you are; become familiar with a place

Q.4) ?

- a) permit b) recall c) prescribe
d) appear e) dissolve

Ans: c

Exp:

The above passage talks about different ways of weight loss hence the correct word for the first blank will be 'prescribe' which means to say what medicine or treatment somebody should have.

recall means to remember something (a fact, event, action, etc.) from the past

appear means to seem

dissolve means to become or to make something become liquid

permit means to allow somebody to do something or to allow something to happen

Q.5) ?

- a) refill b) exist c) operate
d) respond e) fond

Ans: d

Exp:

The above passage talks about different ways of weight loss hence the correct word for the first blank will be 'respond' which means to say or do something as an answer or reaction to something

refill means to fill something again

exist means to be real; to be found in the real world; to live

operate means to work, or to make something work

fond means liking a person or thing, or liking doing something

Q.6) ?

- a) introducing b) experimentation
c) forward d) proposal
e) constitute

Ans: b

Exp:

The above passage talks about different ways of weight loss hence the correct word for the first blank will be 'experimentation' which means the action or process of trying out new ideas, methods, or activities.

introducing means bring (something, especially a product, measure, or concept) into use or operation for the first time

forward means onward so as to make progress.

proposal means a plan or suggestion, especially a formal or written one, put forward for consideration by others

constitute means be (a part) of a whole.

Q.7) ?

- a) mandate b) attracts
c) enact d) freedom
e) prefer

Ans: d

Exp:

The above passage talks about different ways of weight loss hence the correct word for the first blank will be 'freedom' which means the power or right to act, speak, or think as one wants.

mandate means an official order or commission to do something.

attracts means cause to come to a place or participate in a venture by offering something of interest or advantage

enact means make (a bill or other proposal) law.

prefer means like (one thing or person) better than another or others; tend to choose.

D.8-12) In the following questions, some sentences are given. They may or may not contain grammatical and contextual errors. Read the sentences to find out a grammatically and contextually correct sentence. The number of that sentence is the answer. If all the sentences are correct, mark (E) as your answer choice. (Ignore errors of punctuation, if any.)

Q.8) ?

- a) One of the media houses have also challenged the new IT rules
- b) Any section of society must join in the awareness programme
- c) A larger part of the stupa is yet to be develop as it remains under thick vegetation
- d) Sports cured him of his inferiority complex.
- e) All are correct

Ans: d

Exp:

The error free sentence is option (d). In option (a), 'have' should be 'has' as we use singular verb after 'one of the'. In option (b), 'any' should be replaced with 'every'. In option (c), 'develop' should be 'developed' as modal verb 'be' followed by V3.

Q.9) ?

- a) The theatre group may find it difficult to stage a comeback
- b) The understand of discrimination has also evolved over the years
- c) If there is no gap between the birth of two child, it will affect nutrition
- d) In the ensuing commotion, farmers broke the rear windscreen
- e) All are correct

Ans: a

Exp:

The error free sentence is option (a). In option (b), 'understand' should be 'understanding' as we need noun here. In option (c), 'child' should be 'children'. In option (d), 'broke' should be replaced with 'broke' because there is no such word like 'broke'.

Q.10) ?

- a) The new policy aim at decreasing the total fertility rate
- b) The toughest challenge for the mobile theatre groups is to find technicians
- c) The high command instructed me, so I take the oath
- d) It is to be seen how the currently batch copes in the second year
- e) All are correct

Ans: b

Exp:

The error free sentence is option (b). In option (a), 'aim' should be 'aims' as we need singular verb here. In option (c), 'take' should be 'took' as sentence is in past tense. In option (d), 'currently' should be 'current' as we need adjective here.

Q.11) ?

- a) A 26-year-old woman was arresting for strangulating her infant to death

- b) A software engineer have been arrested for allegedly honeytrapping
- c) Attending online classes were not equivalent to the human connect
- d) When the police team tried to apprehend them, the duo opened fire
- e) All are correct

Ans: d

Exp:

The error free sentence is option (d). In option (a), 'arresting' should be 'arrested' as sentence is in past tense and in passive voice. In option (b), 'have' should be 'has' as subject is singular. In option (c), 'were' should be 'was' as it has been used here for 'attending' which is singular.

Q.12) ?

- a) The guidelines of COVID protocol are being contravene in the market
- b) The effected families are now scattered across Delhi and are living on rent
- c) A curfew was imposed and internet services suspended for 24 hours
- d) The people of Delhi was facing water scarcity because of delays in monsoon
- e) All are correct

Ans: c

Exp:

The error free sentence is option (c). In option (a), 'contravene' should be 'contravened' as 'being' is followed by V3. In option (b), 'effected' should be 'affected'. In option (d), 'was' should be 'were' as subject 'people' is plural.

D.13-17) In the following questions, a grammatically correct and meaningful sentence is given which is divided into four parts namely (A),(B),(C) and (D) You have to arrange the four parts to make a contextually and grammatically meaningful

sentence. If no such rearrangement is required mark (E) as your answer i.e. 'No rearrangement required'.

Q.13) (A) Afghanistan war, saying the troop withdrawal

(B) of his country's involvement in the 20-year

(C) had taken place in recent weeks

(D) Australia's Defence Minister confirmed the end

a) DBAC b) ACBD

c) BADC d) DABC

e) No rearrangement required

Ans: a

Exp:

The correct sequence is DBAC hence the correct sentence is "Australia's Defence Minister confirmed the end of his country's involvement in the 20-year Afghanistan war, saying the troop withdrawal had taken place in recent weeks."

Q.14) (A) falling ill with COVID-19 was infected

(B) a 90-year-old woman who died after

(C) of the coronavirus at the same time

(D) with both the Alpha and Beta variants

a) DBAC b) ABDC c) CADB

d) BADC e) No rearrangement required

Ans: d

Exp:

The correct sequence is BADC hence the correct sentence is "A 90-year-old woman who died after falling ill with COVID-19 was infected with both the Alpha and Beta variants of the coronavirus at the same time"

Q.15) (A) to deliver the first batch of

(B) Indian Air Force once acceptance tests are completed

(C) Hindustan Aeronautics Limited is gearing up

(D) three Light Combat Helicopters to the

a) ADBC b) CDAB c) CADB

d) BDCA e) No rearrangement required

Ans: c

Exp:

The correct sequence is CADB hence the correct sentence is "Hindustan Aeronautics Limited is gearing up to deliver the first batch of three Light Combat Helicopters to the Indian Air Force once acceptance tests are completed"

Q.16) (A) the new IT rules

(B) ecosystem in India

(C) will ensure a safer

(D) and more responsible social media

a) ACDB b) BACD c) DCAB

d) ACBD e) No rearrangement required

Ans: a

Exp:

The correct sequence is ACDB hence the correct sentence is "The new IT rules will ensure a safer and more responsible social media ecosystem in India."

Q.17) (A) counter incoming rockets

(B) an anti-missile system

(C) at Kabul airport to

(D) Afghan authorities have installed

a) CADB b) DBCA c) ABDC

d) DABC e) No rearrangement required

Ans: b

Exp:

The correct sequence is DBCA hence the correct sentence is "Afghan authorities have installed an anti-missile system at Kabul airport to counter incoming rockets."

D.18-22) In each sentence below, four words are given which are highlighted, one may be wrongly spelt. Find the mis spelt word and mark your answer accordingly. If all the words are correctly spelt, mark (E) as your answer.

Q.18) As the rich woman helped feed the **homeless** people, she **thought** about the **disperity** of **fortune** in her community.

a) homeless b) thought c) disperity

d) fortune e) All are correct

Ans: d

Exp:

The correct spelling of the word is "disparity" which means a great difference.

Q.19) **Appitizers** alone will not **satiare** dinner **guests** who are **expecting** a complete meal.

a) Appitizers b) satiate c) guests

d) expecting e) All are correct

Ans: a

Exp:

The correct spelling is "appetizers" which means a small dish of food or a drink taken before a meal or the main course of a meal to stimulate one's appetite.

Q.20) **Everyone** wants to know how the **president** plans on helping homeless **families** who are living in **penuary** right now.

a) Everyone b) President c) Families

d) Penuary e) All are correct

Ans: d

Exp:

The correct spelling of the word is "penury" which means the state of being very poor; extreme poverty.

Q.21) Lionel runs an **international** company which can **procure products** from **anywere** in the world.

a) international b) procure

c) products d) anywere

e) All are correct

Ans: d

Exp:

The correct spelling of the word is "anywhere".

Q.22) Everyone was **shocked** when the city **council** used an **obscure** rule to vote on the proposal without a **majority** of voters present.

- a) shocked b) council c) obscure
d) majority e) All are correct

Ans: e

Exp:

All the highlighted words are correctly spelt.

D.23-30) Read the following passage and answer the given questions below it with the help of the information provided in it.

It's often said that depression results from a chemical imbalance, but that doesn't capture how complex the disease is. Research suggests that depression doesn't spring from simply having too much or too little of certain brain chemicals. This is a very **generic** explanation of why people develop depression. Rather, there are many possible causes of depression, including faulty mood regulation by the brain, genetic vulnerability, stressful life events, medications, and medical problems. It's believed that several of these forces interact to bring on depression. To be sure, chemicals are involved in this process, but it is not a simple matter of one chemical being too low and another too high. Rather, many chemicals are involved. There are millions, even billions, of chemical reactions that make up the dynamic system that is responsible for your mood, perceptions, and how you experience life. With this level of complexity, you can see how two people might have similar symptoms of depression, but the problem on the inside, and therefore what treatments will work best, may be entirely different.

Popular lore has it that emotions reside in the heart. Science, though, tracks the seat of your emotions to the brain. Certain areas of the brain help regulate mood. Researchers believe that — more important than levels of specific brain chemicals — nerve cell connections, nerve cell growth, and the functioning of nerve circuits have a major impact on depression.

Research shows that the hippocampus is smaller in some depressed people. For example, in one fMRI study published in The Journal of Neuroscience, investigators studied 24 women who had a history of depression. On average, the hippocampus was 9% to 13% smaller in depressed women compared with those who were not depressed. The more bouts of depression a woman had, the smaller the hippocampus. Stress, which plays a role in depression, may be a key factor here, since experts believe stress can suppress the production of new neurons (nerve cells) in the hippocampus.

Researchers are exploring possible links between sluggish production of new neurons in the hippocampus and low moods. These medications immediately boost the concentration of chemical messengers in the brain (neurotransmitters). This is one of the treatments which **responded adequately** to the illness. Yet people typically don't begin to feel better for several weeks or longer. Experts have long wondered why, if depression were primarily the result of low levels of neurotransmitters, people don't feel better as soon as levels of neurotransmitters increase. The answer may be that mood only improves as nerves grow and form new connections, a process that takes weeks. So, the theory holds, the real value of these medications may be in generating new neurons (a process called neurogenesis), strengthening nerve cell connections, and improving the exchange of information between nerve circuits.

Q.23) Out of the given statements, select the statement(s) which are/is FALSE.

- (I) Neurotransmitters are the messengers made of chemicals which are responsible for delivering messages to our brain.
(II) The studies report that an area of the brain called hippocampus is smaller in people

who develop depression as compared to the one who don't.

(III) The only cause of depression has been either shortage or abundance of chemicals in our brains, studies have shown.

- a) Both III and II b) Only II
- c) Both I and II d) Only III
- e) None of the above

Ans: d

Exp:

The correct choice for the answer is option (d): *Only III*.

Statement III is false because it says in the passage "Research suggests that depression doesn't spring from simply having too much or too little of certain brain chemicals. Rather, there are many possible causes of depression, including faulty mood regulation by the brain, genetic vulnerability, stressful life events, medications, and medical problems. It's believed that several of these forces interact to bring on depression."

Hence, option (d) is the correct choice for the answer.

Q.24) How do the medications prescribed to treat depression prove to be effective for the person suffering from it?

- a) This treatment works efficiently by shutting down the chemicals which are responsible for the existence of depression.
- b) Medications can send you into a drowsy state which helps take mind off of the sad and low mood swings.
- c) These medicines increase the number of neurotransmitters in the chemical composition of our brains.
- d) All of the above
- e) None of the above

Ans: c

Exp:

The correct choice for the answer is option (c): *These medicines increase the number of neurotransmitters in the chemical composition of our brains*.

This answer is present in the beginning of the last paragraph: *These medications immediately boost the concentration of chemical messengers in the brain (neurotransmitters)*.

Hence, option (c) is the correct choice for the answer.

Q.25) The article explains the reason how stress can be one of the factors in the development of depression in human beings. Select the statement which elaborates on it.

- a) Stress can cause one to age earlier than their age which can be one of the factors responsible for depression in people.
- b) It has been seen that stress can produce more chemicals which are undesired by the body and brain and this can leave a person feeling worse.
- c) Stress can cause distress in many parts of life making the feelings of hopelessness worse in cases of depression.
- d) Production of stress in one's system can lead to the cutting down of manufacturing of nerve cells in a part of our brains.
- e) None of the above

Ans: d

Exp:

The correct choice for the answer is option (d): *Production of stress in one's system can lead to the cutting down of manufacturing of nerve cells in a part of our brains*.

This answer can be located in the last line of the third paragraph saying: *Stress, which plays a role in depression, may be a key factor here, since experts believe stress can suppress the production of new neurons (nerve cells) in the hippocampus*.

The other options are not mentioned anywhere in the given passage.

Hence, option (d) is the correct choice for the answer.

Q.26) Why is it the case that any two people suffering from depression need different treatments despite having similar symptoms?

a) There are a number of treatments that are provided by the healthcare systems because focus on one single treatment can cause shortage of that specific one.

b) The number of chemical reactions that account for how an individual processes everyday events and moods, etc., is in a large number causing discrepancy in each person's experience and treatment of depression.

c) A person takes a lot of time to become accustomed to the treatment prescribed to them which can sometimes lead people to try multiple of them.

d) All of the above

e) None of the above

Ans: b

Exp:

The correct choice for the answer is option (b): *The number of chemical reactions that account for how an individual processes everyday events and moods, etc., is in a large number causing discrepancy in each person's experience and treatment of depression.*

This answer is found in the second paragraph where it is mentioned: *There are millions, even billions, of chemical reactions that make up the dynamic system that is responsible for your mood, perceptions, and how you experience life. With this level of complexity, you can see how two people might have similar symptoms of depression, but the problem on the inside, and therefore what treatments will work best, may be entirely different.*

Hence, option (b) is the correct choice for the answer.

Q.27) Select the option which best explains the intention of the author for writing this passage.

a) The author aims to educate the readers about the scientific reasons for depression and why it manifests differently in each person.

b) This passage contains all the different treatments one can go for while dealing with depression and the author elaborates on them.

c) This passage lists out various misconceptions and negative notions the society has about depression and clears them all one by one.

d) The purpose of this passage is to warn the readers about the harmful effects of developing a depression disorder.

e) None of the above

Ans: a

Exp:

The correct choice for the answer is option (a): *The author aims to educate the readers about the scientific reasons for depression and why it manifests differently in each person.*

When we read the passage, we get to know the author's intention of educating the readers about why people develop depression. The passage explains how different brain functions and chemicals work together to cause feelings of depression. All the factors that account for the workings of chemicals or not working of them are listed out in the passage very elaborately. The author dives into the science of the brain and its element and does a good job of making the reader aware about the possible reasons for why depression occurs in human beings.

Hence, option (a) is the correct choice for the answer.

Q.28) Which of the following statement(s) is/are TRUE?

(I) In science, emotions have been found to reside in our hearts as we feel from our hearts and not the mind or the brain.

(II) Antidepressants can take a while to show results and lift moods as nerves in our brains take time to grow.

(III) When newer and newer neurons grow in our brains, it is known as neurogenesis.

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

Ans: c

Exp:

The correct choice for the answer is option (c): *Both II and III*.

Statement II is located in the last paragraph which says “ *Experts have long wondered why, if depression were primarily the result of low levels of neurotransmitters, people don’t feel better as soon as levels of neurotransmitters increase. The answer may be that mood only improves as nerves grow and form new connections, a process that takes weeks.*”

Statement III is found in the same passage, below it saying “ *So, the theory holds, the real value of these medications may be in generating new neurons (a process called neurogenesis), strengthening nerve cell connections, and improving the exchange of information between nerve circuits.*”

Statement I is incorrect because the right statement is found in the first few lines of the third paragraph: *Popular lore has it that emotions reside in the heart. Science, though, tracks the seat of your emotions to the brain. Certain areas of the brain help regulate mood.*

Hence, option (c) is the correct choice for the answer.

Q.29) Choose the antonym of **GENERIC** as highlighted in the passage.

- a) annual b) diligent
c) gleaming d) juvenile
e) specific

Ans: e

Exp:

The correct choice for the answer is option (e): *specific*.

The meaning of *specific* is clearly defined or identified. This is the opposite of generic which means characteristic of or relating to a class or group of things; not specific.

Hence, it is the *antonym of generic*.

Annual means occurring once every year.

Diligent means having or showing care and conscientiousness in one’s work or duties.

Gleaming means (of a smooth surface) reflecting light, typically because it is very clean or polished.

Juvenile means childish; immature.

Q.30) Select the phrase which will best replace the phrase “ **responded adequately**” as highlighted in the passage.

- a) uneducated guess b) answers
c) answer back d) back down
e) keep around

Ans: b

Exp:

The correct choice for the answer is option (b): *answers*.

Responding adequately means to respond/answer in a way that is sufficient, suitable, effective, or appropriate.

Hence, option (b) is the only option which can replace the given phrase.

Rest of the options do not fit its place.

SBI CLERKS PRELIMS QUESTION PAPER - REASONING

D.1-3) In these questions relationship between different elements is shown in the statements. These statements are followed by conclusions. You have to find out which of the conclusions follow or not from the given statements.

Q.1)

Statements:

$U > Z < B \geq C > Y < D$

Conclusions

I. $B < Y$

II. $B \geq Y$

- a) Only I is true
- b) Only II is true
- c) Either I or II is true
- d) Both I and II are true
- e) Neither I nor II is true

Ans: e

Exp: I. $B < Y$ (False)
II. $B \geq Y$ (False)

Q.2)

Statements:

$X > Y \geq Z = M > A \geq B$

Conclusions

I. $X > A$

II. $Y \geq M$

- a) Only I is true
- b) Only II is true
- c) Either I or II is true
- d) Both I and II are true
- e) Neither I nor II is true

Ans: d

Exp: I. $X > A$ (True)
II. $Y \geq M$ (True)

Q.3)

Statements:

$P < Q > R = W \leq S \leq X < V$

Conclusions:

I. $V > W$

II. $R \leq V$

- a) Only I is true
- b) Only II is true
- c) Either I or II is true
- d) Both I and II are true
- e) Neither I nor II is true

Ans: a

Exp:

I. $V > W$ (True)

II. $R \leq V$ (False)

D.4-8) Study the following questions and answering the questions referring to the word sequence given below:

NAF SHO KTG USY MIE ARW

Q.4) When first and second letter of each word is interchanged, then how many meaning full word will be formed?

- a) Three
- b) Two
- c) One
- d) Five
- e) None of these

Ans: c

Exp:

RAW

Q.5) If each Consonant is changed to previous letter in the alphabetical series and each vowel is changed to next letter in the alphabetical series, then how many word contains at least one vowel?

- a) None
- b) One
- c) Two
- d) Three
- e) None of these

Ans: b

Exp:

NAF SHO KTG USY MIE ARW

MBE RGP JSF VRX LJF BQV

Q.6) If all the words are arranged according to the alphabetical order from left to right, which word is third from the right end?

- a) NAF
- b) SHO
- c) KTG
- d) USY
- e) MIE

Ans: a

Exp: **NAF SHO KTG USY MIE ARW**
ARW KTG MIE NAF SHO USY

Q.7) If all the letters are arranged according to English alphabetical order within each word, then in how many words vowel will appear at middle position?

- a) One b) None
c) Two d) Three e) None of these

Ans: d

Exp:

NAF SHO KTG USY MIE ARW
AFN HOS GJK SUY EIM ARW

Q.8) How many letters are there in English alphabetical series between the first letter of the second word from the left end and third letter of the third word from the right end?

- a) Seven b) Six
c) Five d) Four
e) None of these

Ans: c

Exp:

There are 5 letters between S and Y = S T U V W X Y

D.9-13) Study the information carefully and answer the questions given below.

Twelve persons are sitting in two parallel rows consisting of six persons each. A, B, C, F, H and D are sitting in row 1 and are facing south. P, Q, R, S, T and U are sitting in row 2 and are facing north.

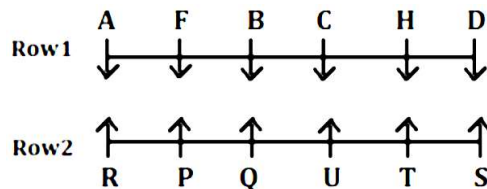
Two persons sit between C and A, who sits at one of the ends. C is neighbor of the one who faces T. P sits second from the left end of the row. Three persons sit between P and S. B faces Q and none of them sits at any end. Neither U nor S faces A. F sits at one of the positions to the right of H. More than one person sit between H and F. H doesn't sit at any extreme end.

Q.9) Who among the following faces A?

- a) P b) R
c) T d) Either (a) or (c)
e) None of these

Ans: b

Exp:

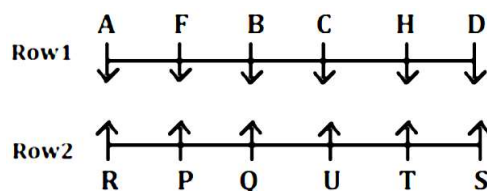


Q.10) Who among the following sits second to the right of Q?

- a) P b) R c) T d) S
e) None of these

Ans: c

Exp:

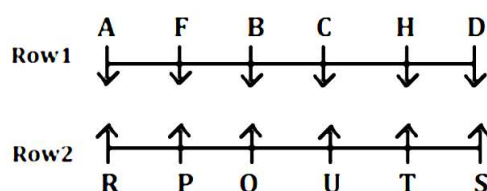


Q.11) How many persons sit between A and H?

- a) One b) Two c) More than three
d) Three e) None of these

Ans: d

Exp:

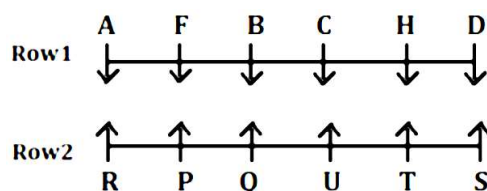


Q.12) Four of the following five pair are alike in a certain way so form a group, which of the following does not belong to that group?

- a) A-R b) P-F c) C-U d) S-D e) H-P

Ans: e

Exp:

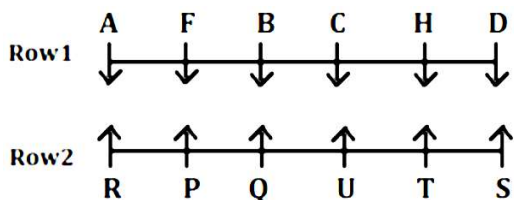


Q.13) Who among the following sits second to the right of the one who faces T?

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

Ans: b

Exp:



D.14-18) Study the information and answer the following questions. In a certain code language.

'School reopen class resume' is written as 've jo qi mn'

'Resume expected global' is written as 'lo ve pr'

'Time hour reopen precious' is written as 'nj ku dq mn'

'Class time reopen expected' is written as 'qi lo nj mn'

Q.14) What is the code for "School"?

- a) lo b) pr c) qi d) ve e) jo

Ans: e

Exp:

Word	Code
School	jo
Class	qi
Resume	ve
Expected	lo
Reopen	mn
Global	pr
Time	nj
Hour/Precious	ku/dq

Q.15) What is the code for "precious"?

- a) ku b) nj c) dq
d) mn e) Either (a) or (c)

Ans: e

Exp:

Word	Code
School	jo
Class	qi
Resume	ve
Expected	lo
Reopen	mn
Global	pr
Time	nj
Hour/Precious	ku/dq

Q.16) What is the code for "resume expected"?

- a) ve lo b) pr lo c) ve pr
d) qi ve e) None of these

Ans: a

Exp:

Word	Code
School	jo
Class	qi
Resume	ve
Expected	lo
Reopen	mn
Global	pr
Time	nj
Hour/Precious	ku/dq

Q.17) What can be the code for "Class resume reopen"?

- a) qi ve mn b) ve mn jo c) ve qi ku
d) qi ku lo e) nj ve ku

Ans: a

Exp:

Word	Code
School	jo
Class	qi
Resume	ve
Expected	lo
Reopen	mn
Global	pr
Time	nj
Hour/Precious	ku/dq

Q.18) What is the code for “global”?

- a) mn b) pr c) ku
d) dq e) jo

Ans: b

Exp:

Word	Code
School	jo
Class	qi
Resume	ve
Expected	lo
Reopen	mn
Global	pr
Time	nj
Hour/Precious	ku/dq

D.19-23) Study the following information carefully and answer the questions given below:

Eight persons were born in different months i.e., January, April, June, and November, and on two different dates 13th or 24th (of the same Year). Only one person was born on one date.

No one was born after C. No one was born between A and H and both were born in different months. E was born just after H. G was born on an even date of the month which has 31 days. D was born before B but after F.

Q.19) Who among the following was born on 24th June?

- a) H b) E c) C
d) D e) None of these

Ans: b

Exp:

Month	Date	Persons
January	13	F
	24	G
April	13	D
	24	A
June	13	H
	24	E
November	13	B
	24	C

Q.20) How many persons were born between A and F?

- a) None b) Two c) One
d) More than three e) Three

Ans: b

Exp:

Month	Date	Persons
January	13	F
	24	G
April	13	D
	24	A
June	13	H
	24	E
November	13	B
	24	C

Q.21) Who among the following was born just before D?

- a) F b) H c) B d) A e) None of these

Ans: e

Exp:

Month	Date	Persons
January	13	F
	24	G
April	13	D
	24	A
June	13	H
	24	E
November	13	B
	24	C

Q.22) Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?

- a) E b) G c) D d) B e) H

Ans: b

Exp:

Month	Date	Persons
January	13	F
	24	G
April	13	D
	24	A
June	13	H
	24	E
November	13	B
	24	C

Q.23) Which among the following statement is not true?

- a) B and C were born in the same month
- b) E was not born on an odd numbered date
- c) F was born in the month which has even number of days
- d) C was born in the month of November
- e) All are true

Ans: c

Exp:

Month	Date	Persons
January	13	F
	24	G
April	13	D
	24	A
June	13	H
	24	E
November	13	B
	24	C

Q.24) If we form a meaningful word by the 1st, 3rd, 8th and 9th letter of the word 'SUBORDINATE', then which of the following will be the first letter of the word thus formed. If more than one word is formed mark Y as your answer. If no meaningful word is formed, mark X as your answer?

- a) B
- b) X
- c) S
- d) A
- e) Y

Ans: b

Exp:

D.25-27) Study the following information and answer the given questions.

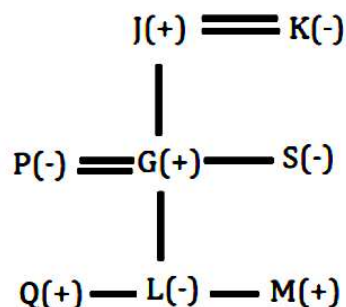
In a family of eight members, there are four male members. J is the grandfather of L. M is the brother of L. J has only two children one of them is unmarried. P is sister-in-law of S. K is the paternal grandmother of M. S is the daughter of K. Q is the Son of G and brother of L.

Q.25) How is G related to K?

- a) Son
- b) Daughter
- c) Mother
- d) Brother
- e) Either (a) or (b)

Ans: a

Exp:

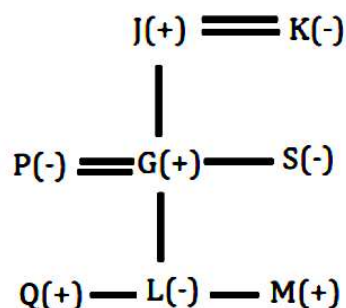


Q.26) How is L related to S?

- a) Aunt
- b) Nephew
- c) Niece
- d) Sister
- e) Cannot be determined

Ans: c

Exp:

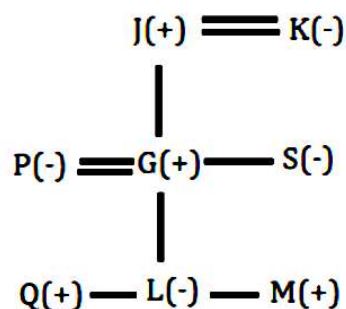


Q.27) How is P related to M?

- a) Sister
- b) Aunt
- c) Grandmother
- d) Mother
- e) None of these

Ans: d

Exp:



D.28-32) Study the following information carefully and answer the questions given below:

Eight persons are living in a building having four floors where the ground floor is numbered as 1, the floor above it is numbered as 2 and so on till the topmost floor which is numbered as 4. Each floor is

having two flats i.e., Flat-1 and flat-2. Flat-1 of floor-2 is exactly above the flat-1 of floor-1 and exactly below the flat-1 of floor-3 and so on. Similarly, flat-2 of floor-2 is exactly above the flat-2 of floor-1 and exactly below flat-2 of floor-3 and so on. Flat-2 is in the east of Flat-1.

J lives north-west of P. Two floors gap between M and P and both live in the same flat number. H lives in the north-east of L and south-east of O. K lives above Q's floor but not lives on M's floor. O does not live on an even numbered floor.

Q.28) Who among the following lives on flat-1 of 2nd floor?

- a) L b) M c) Q
d) H e) None of these

Ans: c

Exp:

Floors	Flat-1	Flat-2
4	J	M
3	O	K
2	Q	H
1	L	P

Q.29) Who among the following lives below P's floor?

- a) H b) J c) No one
d) O e) K

Ans: c

Exp:

Floors	Flat-1	Flat-2
4	J	M
3	O	K
2	Q	H
1	L	P

Q.30) Four of the following five are alike in a certain way and hence form a group, which of the following does not belong to the group?

- a) L b) P c) Q
d) O e) J

Ans: b

Exp:

Floors	Flat-1	Flat-2
4	J	M
3	O	K
2	Q	H
1	L	P

Q.31) Which of the following statement/statements is/are true?

- a) J lives on the topmost floor
b) K lives on the floor which is immediately above P's floor
c) H lives with Q on the same floor
d) Both (a) and (c)
e) Both (b) and (c)

Ans: d

Exp:

Floors	Flat-1	Flat-2
4	J	M
3	O	K
2	Q	H
1	L	P

Q.32) Who among the following lives on the same numbered floor as P?

- a) L b) H c) M
d) Q e) None of these

Ans: a

Exp:

Floors	Flat-1	Flat-2
4	J	M
3	O	K
2	Q	H
1	L	P

D.33-35) In each of the questions below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then

decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Q.33) **Statements:**

Only a few Rocks are Marble.

No Marble is Bricks.

Conclusions:

I. Some Rocks are Bricks.

II. Some Rocks are not Bricks.

a) If only conclusion I follows.

b) If only conclusion II follows.

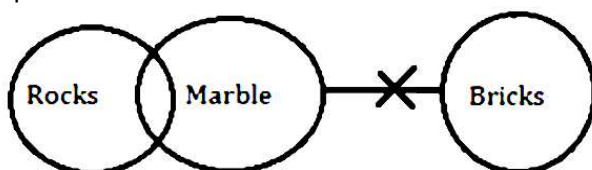
c) If either conclusion I or II follows.

d) If neither conclusion I nor II follows.

e) If both conclusions I and II follow.

Ans: b

Exp:



Q.35) **Statements:**

Only a few Dolphin are Turtle.

All Turtle are Rabbit.

Conclusions:

I. Some Dolphin are not Turtle.

II. No Rabbit is Dolphin.

a) If only conclusion I follows.

b) If only conclusion II follows.

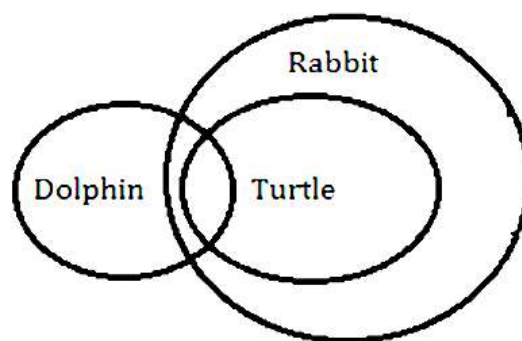
c) If either conclusion I or II follows.

d) If neither conclusion I nor II follows.

e) If both conclusions I and II follow.

Ans: a

Exp:



Q.34) **Statements:**

Some City are not Block.

All Block are Town.

Conclusions:

I. Some City are Town.

II. All City being Town is a possibility.

a) If only conclusion I follows.

b) If only conclusion II follows.

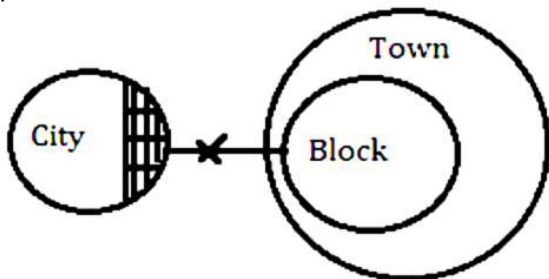
c) If either conclusion I or II follows.

d) If neither conclusion I nor II follows.

e) If both conclusions I and II follow.

Ans: b

Exp:



SBI CLERKS PRELIMS QUESTION PAPER - QUANTITATIVE APTITUDE

D.1-5) Table given below shows total number of students applied for admission in five different schools and ratio of students who gets admission to students who did not get admission. Read the data carefully and answer the questions.

Schools	Total number of students applied for admission	Ratio of students who gets admission : students who did not get admission
A	150	8 : 7
B	210	13 : 8
C	250	27 : 23
D	180	9 : 11
E	200	3 : 5

Q.1) Find the ratio of students who gets admission in A to students who did not get admission in E?

- a) 12:17 b) 16: 25 c) 25:16
d) 17:12 e) 13:15

Ans: b

Exp: Required ratio = $150 \times \frac{8}{15} : 200 \times \frac{5}{8}$
 $= 80: 125$
 $= 16: 25$

Q.2) Total number of students who did not get admission in B and C together is how much more than total number of students who gets admission in D and E together?

- a) 27 b) 58 c) 44 d) 39 e) 32

Ans: d

Exp:

Total number of students who did not get admission in B and C = $210 \times \frac{8}{13} + 250 \times \frac{23}{27}$
 $= 80 + 115 = 195$

Total number of students who gets admission in D and E = $180 \times \frac{9}{11} + 200 \times \frac{3}{5} = 81 + 75 = 156$
Required difference = $195 - 156 = 39$

Q.3) Find the average number of students who did not get admission in A, B & D?

- a) 92 b) 79 c) 81 d) 87 e) 83

Ans: e

Exp:

Required average

$$= (150 \times \frac{7}{15} + 210 \times \frac{8}{21} + 180 \times \frac{11}{20}) / 3$$

$$= \frac{70+80+99}{3}$$

$$= \frac{249}{3} = 83$$

Q.4) Total number of students who gets admission in B is what percent of total number of students who did not get admission in E?

- a) 104% b) 95% c) 125%
d) 100% e) 110%

Ans: a

Exp:

Total number of students who gets admission in B = $210 \times \frac{13}{21} = 130$

Total number of students who did not get admission in E = $200 \times \frac{5}{8} = 125$

Required percentage = $\frac{130}{125} \times 100 = 104\%$

Q.5) Find the total number of students who gets admission in all the five schools?

- a) 557 b) 237 c) 501
d) 457 e) 391

Ans: c

Exp:

Total number of students who gets admission in all the five schools

In A = $150 \times \frac{8}{15} = 80$

In B = $210 \times \frac{13}{21} = 130$

In C = $250 \times \frac{27}{50} = 135$

$$\text{In D} = 180 \times \frac{9}{20} = 81$$

$$\text{In E} = 200 \times \frac{3}{8} = 75$$

$$\text{Required sum} = 81 + 130 + 80 + 135 + 75 = 501$$

D.6-10) In each of the following questions, two equations (I) and (II) are given you have to solve both the equations and give answer.

Q.6) I. $x^2 - 11x + 28 = 0$
II. $y^2 - 15y + 56 = 0$

- a) If $x > y$ b) If $x \geq y$
c) If $x < y$ d) If $x \leq y$
e) If $x = y$ or no relation can be established between x and y .

Ans: d

Exp: I. $x^2 - 11x + 28 = 0$
 $x^2 - 7x - 4x + 28 = 0$
 $x(x - 7) - 4(x - 7) = 0$
 $(x - 7)(x - 4) = 0$
 $x = 7, 4$
II. $y^2 - 15y + 56 = 0$
 $y^2 - 7y - 8y + 56 = 0$
 $y(y - 7) - 8(y - 7) = 0$
 $(y - 7)(y - 8) = 0$
 $y = 8, 7$
 $x \leq y$

Q.7) I. $x^2 + 11x + 28 = 0$
II. $y^2 + 16y + 63 = 0$

- a) If $x > y$
b) If $x \geq y$
c) If $x < y$
d) If $x \leq y$
e) If $x = y$ or no relation can be established between x and y .

Ans: b

Exp: I. $x^2 + 11x + 28 = 0$
 $x^2 + 7x + 4x + 28 = 0$
 $x(x + 7) + 4(x + 7) = 0$
 $(x + 4)(x + 7) = 0$
 $x = -4, -7$
II. $y^2 + 16y + 63 = 0$
 $y^2 + 9y + 7y + 63 = 0$
 $y(y + 9) + 7(y + 9) = 0$
 $(y + 7)(y + 9) = 0$
 $y = -7, -9$
So, $x \geq y$.

Q.8) I. $x^2 - 18x + 45 = 0$
II. $y^2 + 17y + 72 = 0$

- a) If $x > y$
b) If $x \geq y$
c) If $x < y$
d) If $x \leq y$
e) If $x = y$ or no relation can be established between x and y .

Ans: a

Exp: I. $x^2 - 18x + 45 = 0$
 $x^2 - 15x - 3x + 45 = 0$
 $x(x - 15) - 3(x - 15) = 0$
 $x = 3, 15$
II. $y^2 + 17y + 72 = 0$
 $y^2 + 9y + 8y + 72 = 0$
 $y(y + 9) + 8(y + 9) = 0$
 $y = -8, -9$
So, $x > y$

Q.9) I. $x^2 + 11x + 18 = 0$
II. $y^2 + 15y + 26 = 0$

- a) If $x > y$
b) If $x \geq y$
c) If $x < y$
d) If $x \leq y$
e) If $x = y$ or no relation can be established between x and y .

Ans: e

Exp:

$$\begin{aligned} \text{I. } x^2 + 11x + 18 &= 0 \\ x^2 + 9x + 2x + 18 &= 0 \\ x(x+9) + 2(x+9) &= 0 \\ x &= -2, -9 \\ \text{II. } y^2 + 15y + 26 &= 0 \\ y^2 + 13y + 2y + 26 &= 0 \\ y(y+13) + 2(y+13) &= 0 \\ y &= -2, -13 \\ \text{So, no relation.} \end{aligned}$$

Q.10) I. $x^2 - 19x + 34 = 0$
II. $y^2 - 13y + 42 = 0$

- a) If $x > y$
b) If $x \geq y$
c) If $x < y$
d) If $x \leq y$
e) If $x = y$ or no relation can be established between x and y .

Ans: e

Exp: I. $x^2 - 19x + 34 = 0$
 $x^2 - 17x - 2x + 34 = 0$
 $x(x-17) - 2(x-17) = 0$
 $x = 2, 17$
II. $y^2 - 13y + 42 = 0$
 $y^2 - 7y - 6y + 42 = 0$
 $y(y-7) - 6(y-7) = 0$
 $y = 6, 7$
So, no relation

D.11-20) What will come in the place of question (?) mark in following questions.

Q.11) $?^3 \times 5 + 40\% \text{ of } 350 = 3 \times 30^2$

- a) 10
b) 12
c) 4
d) 6
e) 8

Ans: e

Exp:

$$\begin{aligned} ?^3 \times 5 + \frac{40}{100} \times 350 &= 3 \times 900 \\ ?^3 \times 5 + 140 &= 2700 \\ ?^3 \times 5 &= 2560 \\ ?^3 &= 512 \\ ? &= 8 \end{aligned}$$

Q.12) $\frac{600}{?} + 24\% \text{ of } 800 = 7.5 \times 32$

- a) 17.5 b) 12 c) 10
d) 12.5 e) 7.5

Ans: d

Exp: $\frac{600}{?} + \frac{24}{100} \times 800 = 240$
 $\frac{600}{?} = 240 - 192$
 $? = \frac{600}{48}$
 $? = 12.5$

Q.13) $2\frac{1}{7} \times 4\frac{2}{3} + ? = 62.5\% \text{ of } 256$

- a) 120 b) 150 c) 140
d) 130 e) 110

Ans: b

Exp: $\frac{15}{7} \times \frac{14}{3} + ? = \frac{5}{8} \times 256$
 $10 + ? = 160$
 $? = 150$

Q.14) $? \times 7 + 337 = (5)^3 + 436$

- a) 36 b) 44 c) 48
d) 45 e) 32

Ans: e

Exp:

$$\begin{aligned} ? \times 7 &= 125 + 436 - 337 \\ ? &= \frac{224}{7} \\ ? &= 32 \end{aligned}$$

Q.15) $4^3 \times 32^2 \div 8^3 = (2)^?$

- a) 9 b) 5 c) 7
d) 6 e) 8

Ans: c

Exp:

$$\begin{aligned} 2^? &= (2)^6 \times (2^5)^2 \div 2^9 \\ 2^? &= 2^7 \\ ? &= 7 \end{aligned}$$

Q.16) $\sqrt{256 \times 49} + (19)^2 + 11 = (?)^2$

- a) 484 b) 22 c) 24
d) 42 e) 26

Ans: b

Exp: $(?)^2 = 16 \times 7 + 361 + 11$
 $= 484$
 $? = 22.$

Q.17) $252 + 520 \div 20 + 420 = 121 + ?$

- a) 587 b) 577 c) 527
d) 477 e) 627

Ans: b

Exp: $252 + 26 + 420 = 121 + ?$
 $? = 577$

Q.18) $2\frac{6}{7} + \left(3\frac{3}{14} - 2\frac{3}{14}\right) = ?$

- a) $4\frac{1}{7}$ b) $4\frac{3}{7}$ c) $4\frac{4}{7}$
d) $3\frac{6}{7}$ e) $4\frac{2}{7}$

Ans: d

Exp:

$$\begin{aligned} ? &= \frac{20}{7} + \frac{45}{14} - \frac{31}{14} \\ &= \frac{27}{7} = 3\frac{6}{7} \end{aligned}$$

Q.19) $11.2 \times 15 + 6.4 \times 7.5 = (?)^3$

- a) 15 b) 21 c) 3
d) 6 e) 9

Ans: d

Exp:

$$\begin{aligned} ?^3 &= 11.2 \times 15 + 6.4 \times 7.5 \\ ?^3 &= 168 + 48 \\ ? &= \sqrt[3]{216} = 6 \end{aligned}$$

Q.20) $4^? \times (8 \times 128) = 256 \times 1024$

- a) 5 b) 3 c) 2
d) 4 e) 8

Ans: d

Exp: $4^? \times (4^5) = 4^4 \times 4^5$
 $\Rightarrow 4^? = 4^4$
 $\Rightarrow ? = 4$

Q.21) A and B started a business with investment of Rs. 2400 and Rs. 3200 respectively. After one year C also joined them with investment of Rs. 3500. If after two years, they earned a total profit of Rs. 5880, then find the profit share of A.

- a) Rs.2520 b) Rs. 1920 c) Rs. 2240
d) Rs. 1800 e) Rs.1980

Ans: b

Exp:

Ratio of profit share of A, B and C
 $= 2400 \times 24 : 3200 \times 24 : 3500 \times 12$
 $= 48 : 64 : 35$

So, profit share of A = $\frac{48}{147} \times 5880 = \text{Rs. } 1920$

Q.22) A vessel contains 60 liters mixture of milk and water in which water is 25 liters. When some quantity of mixture is taken out from the vessel and replaced with 15 liters of water, then the final quantity of water in the vessel becomes 35 lit. Find the quantity of mixture taken out?

- a) 12 liters b) 18 liters c) 9 liters
d) 24 liters e) 36 liters

Ans: a

Exp:

Quantity of milk in initial mixture = $60 - 25 = 35 \text{ lit}$
 Ratio of milk to water in initial mixture = $35 : 25 = 7 : 5$
 Let X liter of mixture taken out from the vessel
ATQ

$$25 - \frac{5}{12} \times X + 15 = 35$$

$$40 - \frac{5}{12} X = 35$$

$$\frac{5}{12} X = 5$$

$$X = 12$$

Q.23) The present age of P is twice of the present age of Q. If after five years, the ratio of ages of P and Q becomes 7:4 respectively, then find out the sum of their ages two years hence will be?

- a) 41 years b) 45 years
c) 47 years d) 48 years
e) 49 years

Ans: e

Exp:

Let the present age of P and Q be $2x$ years and x years respectively.

ATQ, $\frac{2x+5}{x+5} = \frac{7}{4}$

$x = 15$ years

Required sum = $(2x + 2) + (x + 2)$
= 49 years

Q.24) Train A running with speed of 54 kmph passes a bridge in 30 seconds and the length of the bridge is half of the length of the train. Another train B which is 100 meters longer than train A running in opposite direction of train A with speed of 72 km/hr takes how much time (in sec.) to cross it?

- a) 28 b) 18 c) 30
d) 20 e) 24

Ans: d

Exp:

Let the length of the train A be $2x$ m and that of bridge be x m.

ATQ, $(2x + x) = 54 \times \frac{5}{18} \times 30$

$x = 150$ meters

length of train B = $(2x + 100) = 400$ meters

Required time = $\frac{300+400}{(54+72) \times \frac{5}{18}} = 20$ second

Q.25) A man invest 50% more in scheme Q than that of in scheme P. Scheme P and Q offered simple interest at the rate of 10% and 8% per annum respectively and total simple interest gets by man from both schemes after three years is Rs. 1650, then find total amount invested by man in both schemes?

- a) Rs. 6250 b) Rs. 6000
c) Rs. 7500 d) Rs. 5750
e) Rs. 5000

Ans: a

Exp: Let sum invested in scheme P = $2x$ Rs.

So, sum invested in scheme Q =

$$2x \times \frac{150}{100} = 3x \text{ Rs.}$$

ATQ,

$$\frac{2x \times 10 \times 3}{100} + \frac{3x \times 8 \times 3}{100} = 1650$$

$$132x = 1650 \times 100$$

$$x = 1250 \text{ Rs}$$

Total amount invested by man in both schemes = $1250 \times 5 = \text{Rs. } 6250$

D.26-30) What will come in the place of question (?) mark in given series:

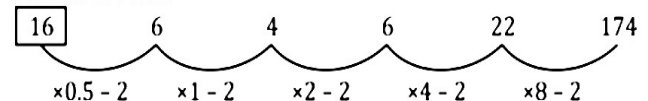
Q.26) ?, 6, 4, 6, 22, 174

- a) 16 b) 10 c) 12 d) 15 e) 9

Ans: a

Exp:

Pattern of series-



Q.27) 243, 258, 276, 297, 321, ?

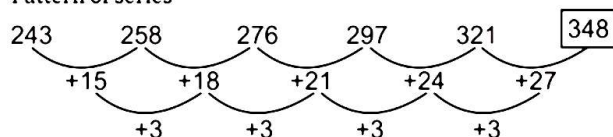
- a) 340 b) 338
c) 348 d) 337

e) 345

Ans: c

Exp:

Pattern of series-



Q.28) 16, 85, 344, ?, 2072, 2073

- a) 1032 b) 1033 c) 1037
d) 1042 e) 1035

Ans: e

Exp:

Pattern of series -

$$16 \times 5 + 5 = 85$$

$$85 \times 4 + 4 = 344$$

$$344 \times 3 + 3 = 1035$$

$$1035 \times 2 + 2 = 2072$$

$$2072 \times 1 + 1 = 2073$$

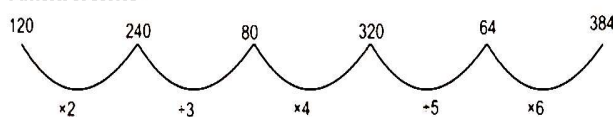
Q.29) 120, 240, 80, 320, 64, ?

- a) 385 b) 388 c) 380
d) 384 e) 378

Ans: d

Exp:

Pattern of series -



Q.30) 100, 101, 98, 107, 80, ?

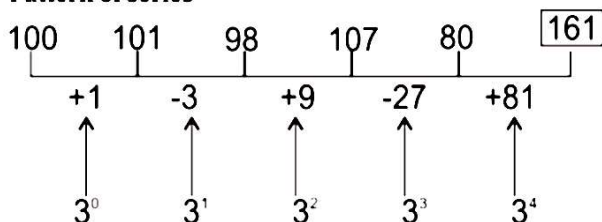
- a) 150 b) 161 c) 145
d) 132 e) 144

Ans: b

Exp:

Missing number = 161

Pattern of series -



Q.31) A boat can cover a certain distance in upstream in 12 hours and it can cover the same distance in downstream in 8 hours. If speed of boat in still water is 8 km/hr, then find time taken by boat to cover 72 km in downstream?

- a) 7 hours b) 7.5 hours
c) 6.5 hours d) 5 hours
e) 5.5 hours

Ans: b

Exp:

Let speed of stream = s km/hr

$$\therefore (8 - s) \times 12 = (8 + s) \times 8$$

$$96 - 12s = 64 + 8s$$

$$20s = 32$$

$$s = 1.6 \text{ km/hr}$$

$$\text{Required time} = \frac{72}{(8 + 1.6)} = 7.5 \text{ hours}$$

Q.32) The marked price of a table is Rs. 2400 and the cost price of same table is Rs. 1600. Find the Selling price of table such that the profit percentage and the discount percentage on the table is same?

- a) Rs 1800 b) Rs 1900
c) Rs 1920 d) Rs 2200
e) Rs 2250

Ans: c

Exp:

Let the profit percentage = discount percentage = x %

ATQ

$$2400 \times \left(1 - \frac{x}{100}\right) = 1600 \times \left(1 + \frac{x}{100}\right)$$

$$\frac{3}{2} = \frac{\left(1 + \frac{x}{100}\right)}{\left(1 - \frac{x}{100}\right)}$$

$$x = 20$$

$$\text{Selling price} = 1600 \times \frac{6}{5} = \text{Rs } 1920$$

Q.33) Perimeter of a rectangle is 6 cm less than circumference of a circle and area of circle is 346.5 cm^2 . If ratio of breadth to length of rectangle is equal 1 : 2, then find length of rectangle (in cm)?

- a) 10 b) 12 c) 20
d) 14 e) 16

Ans: c

Exp:

Let radius of circle be 'r' cm

ATQ -

$$\frac{22}{7} \times r \times r = 346.5$$

$$r = 10.5 \text{ cm}$$

Let length and breadth of rectangle be $2x$ and x respectively

Perimeter of rectangle =

circumference of a circle - 6

$$2(2x + x) = 2 \times \frac{22}{7} \times 10.5 - 6$$

$$2(2x + x) = 60$$

$$x = 10 \text{ cm}$$

$$\text{Required length} = 2 \times 10 = 20 \text{ cm}$$

Q.34) B is 50% more efficient than A and both A & B together can complete a piece work in 24 days. If the ratio of efficiency of C to B is 3 : 2, then in how many days B and C together can complete the half of the same work?

- a) 8 days b) 10 days c) 6 days
d) 12 days e) 16 days

Ans: a

Exp:

Let efficiency of A = $4x$ unit/day

$$\text{So, efficiency of B} = 4x \times \frac{150}{100} = 6x \text{ unit/day}$$

$$\text{And, efficiency of C} = 6x \times \frac{3}{2} = 9x \text{ unit/day}$$

$$\text{Total work} = (4x + 6x) \times 24 = 240x \text{ unit}$$

$$\text{Required days} = \frac{240x \times \frac{1}{2}}{(6x + 9x)} = 8 \text{ days}$$

Q.35) Average weight of three students a, b & c of a class is 30 kg and average weight of a & c is 27 kg. If the average weight of b & c is 33 kg and a new student joined the class which weight is two times of C weight, then find the weight (in kg) of new joined student?

- a) 54 b) 60 c) 56
d) 72 e) 64

Ans: b

Exp:

ATQ -

$$a + b + c = 30 \times 3 = 90 \text{ kg} \text{ ----- (i)}$$

$$a + c = 27 \times 2 = 54 \text{ kg} \text{ ----- (ii)}$$

From (i) and (ii) we get -

$$b = 36 \text{ kg}$$

$$\text{And also given, } b + c = 33 \times 2 = 66 \text{ kg} \text{ ----- (iii)}$$

Put value of b in (iii):

$$c = 30 \text{ kg}$$

So, weight of new joined

$$\text{student} = 30 \times 2 = 60 \text{ kg}$$

REASONING

Q.1) How many such pairs of letters are there in the word "PRESENT" that has as many letters between them in the word as in the alphabet?

- a) Five b) Three c) Two
d) One e) Four

Ans: c

Exp:

Letters	P	R	E	S	E	N	T
Position	16	18	5	19	5	14	20

D.2-6) Read the following information carefully and answer the questions.

Nine persons Biresh, Parul, Swapna, Qutub, Chaya, Damini, Aman, Tushar and Rahim are sitting in a line and all are facing in north direction, not necessarily in the same direction.

Rahim is sitting third to right of Swapna. Only two persons are sitting between Chaya and Parul who is sitting immediate left of Damini. Chaya is sitting in the middle of the line.

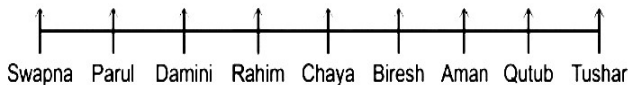
Qutub is sitting with Aman but one of the places to right of Damini. Aman is not sitting near Tushar and Rahim. No one is sitting to right of Tushar. Rahim is sitting second to left of Biresh.

Q.2) How many persons are sitting between Swapna and Qutub?

- a) One b) Two c) Five
d) Six e) No one

Ans: d

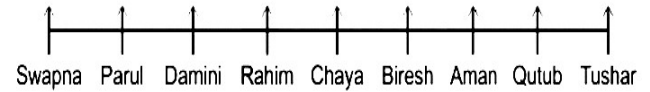
Exp:



Q.3) Who is sitting between Parul and Rahim?

- a) Chaya b) Biresh c) Swapna
d) Damini e) No one

Ans: d

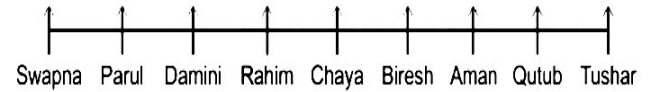


Q.4) Who is sitting fifth to left of Tushar?

- a) Parul b) Rahim c) Biresh
d) Either a or c e) None of the above

Ans: b

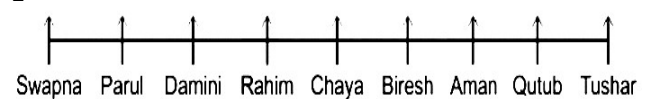
Exp:



Q.5) Who among them is/are neighbours of Biresh?

- a) Chaya b) Parul c) Aman
d) Both 1 and 3 e) Swapna

Ans: d

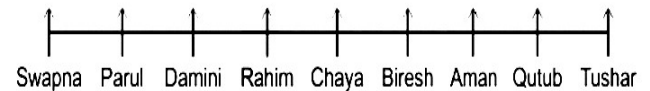


Q.6) Who is sitting immediate right of Qutub?

- a) No one b) Damini c) Tushar
d) Parul e) Aman

Ans: c

Exp:



D.7-11) Study the following series carefully and answer the questions given below. (all the numbers are one-digit numbers)

A @ D 1 5 % K & 6 I 9 # V 8 E 3 ¥ 7 M L 2 U €
F S © 9 1 X Z

Q.7) How many such letters are there in the series each of which is immediately preceded by a symbol and followed by cube number?

- a) One b) Two c) Three
d) Four e) None

Ans: b

Exp:

Given Series: Left side A @ D 1 5 % K & 6 I 9 # V 8 E 3
¥ 7 M L 2 U € F S © 9 1 X Z Right side

1) Letters are there in the series each of which is immediately preceded by a symbol and followed by cube number.

A @ D 1 5 % K & 6 I 9 # V 8 E 3 ¥ 7 M L 2 U € F S © 9 1 X Z
Hence, 'two' letters are there in the series each of which is immediately preceded by a symbol and followed by cube number.

Q.8) If all the numbers in the above arrangement are deleted then which among the following element is ninth from the right end?

- a) ¥ b) U c) M d) V e) #

Ans: c

Exp:

Given Series: Left side A @ D 1 5 % K & 6 I 9 # V 8 E 3
¥ 7 M L 2 U € F S © 9 1 X Z Right side

1) If all the numbers in the above arrangement are deleted, an element which is ninth from the right end is:

A @ D % K & I # V E ¥ M L U € F S © X Z

Hence, if all the numbers in the above arrangement are deleted then 'M' is ninth from the right end.

Q.9) If '@' is related to 'X', '5' is related to '©' in a certain way then 'K' is related to which of the following in the same way?

- a) € b) F c) ¥ d) S e) 8

Ans: b

Exp:

Given Series: Left side A @ D 1 5 % K & 6 I 9 # V 8 E 3
¥ 7 M L 2 U € F S © 9 1 X Z Right side

1) If '@' is related to 'X', '5' is related to '©' in a certain way then 'K' is related to as per the pattern: '@' is second from the left end, 'X' is second from the right end

'5' is fifth from the left end, '©' is fifth from the right end

Similarly, 'K' is seventh from the left end, 'F' is seventh from the right end.

Hence, 'K' is related to 'F'.

Q.10) Which among the following element is second to the left of the tenth element from the left end?

- a) 2 b) € c) I d) # e) &

Ans: e

Exp:

Given Series: Left side A @ D 1 5 % K & 6 I 9 # V 8 E 3
¥ 7 M L 2 U € F S © 9 1 X Z Right side

1) Second to the left of the tenth element from the left end

Firstly, the tenth element from the left end

A @ D 1 5 % K & 6 I 9 # V 8 E 3 ¥ 7 M L 2 U € F S © 9 1 X Z

Now, second to the left of 'I'

A @ D 1 5 % K & 6 I 9 # V 8 E 3 ¥ 7 M L 2 U € F S © 9 1 X Z

Hence, '&' is second to the left of the tenth element from the left end.

Q.11) Four of the five are same in a certain way. Which among the following does not belong to that group?

- a) I96 b) %5K c) V#8 d) U2€ e) M7L

Ans: a

Exp:

Given Series: Left side A @ D 1 5 % K & 6 I 9 # V 8 E 3
¥ 7 M L 2 U € F S © 9 1 X Z Right side

first element – Immediate left of the first element
–immediate right of the first element

Only, 'I96' does not follow the pattern.

Hence, 'I96' does not belong to the group.

D.12-16) Read the following information carefully and answer the following questions given below.

Eight friends Shalini, Rajat, Chiku, Muskaan, Mohit, Vishal, Shweta and Arnav live in an eight floor building but not necessarily in the same order. The topmost floor is numbered 8 and the lowermost floor is numbered 1.

One person lives between Shweta and Shalini. Muskaan lives above Rajat's floor. Two persons live between Chiku and Arnav. Chiku lives on the 5th floor. Mohit lives one of the floors above Vishal. Arnav lives above Chiku's floor. Two persons

live between Rajat and Muskaan. Shweta lives one of the odd numbers floor below Chiku's floor. Vishal's floor is above Shweta's floor.

Q.12) Who lives on the lowermost floor?

- a) Shalini b) Vishal c) Shweta
d) Muskaan e) Rajat

Ans: c

Exp:

Floor	Person
8	Arnav
7	Muskaan
6	Mohit
5	Chiku
4	Rajat
3	Shalini
2	Vishal
1	Shweta

Q.13) How many live between Arnav and Rajat?

- a) Four b) None c) Five
d) one e) Three

Ans: e

Exp:

Floor	Person
8	Arnav
7	Muskaan
6	Mohit
5	Chiku
4	Rajat
3	Shalini
2	Vishal
1	Shweta

Q.14) As many floor above Chiku's floor as below _____ floor's.

- a) Mohit b) Shalini c) Muskaan
d) Rajat e) Vishal

Ans: d

Exp:

Floor	Person
8	Arnav
7	Muskaan
6	Mohit
5	Chiku
4	Rajat
3	Shalini
2	Vishal
1	Shweta

Q.15) Four of the following five are alike in a certain way. Find the one which does not belong to that group?

- a) Shalini b) Vishal c) Arnav
d) Mohit e) Rajat

Ans: a

Exp:

Floor	Person
8	Arnav
7	Muskaan
6	Mohit
5	Chiku
4	Rajat
3	Shalini
2	Vishal
1	Shweta

Q.16) If Shweta and Chiku interchange their position, how many people live between Shweta and Vishal?

- a) None b) One c) Two
d) Three e) Four

Ans: c

Exp:

Floor	Person
8	Arnav
7	Muskaan
6	Mohit
5	Chiku
4	Rajat
3	Shalini
2	Vishal
1	Shweta

D.17-19) Study the following information carefully and answer the given questions

In a certain code language

'story land king dream' means 'ty xz lo lp',

'crown queen story palace' means 'op lp we jk',

'rose queen story flower' means 'ir lp fu op',

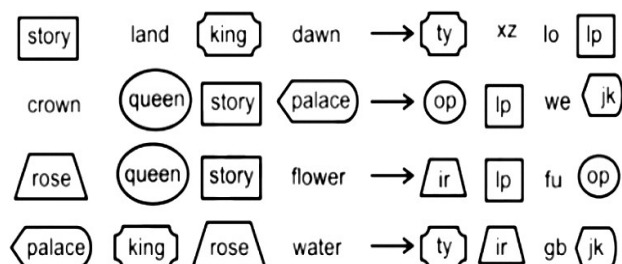
'palace king rose water' means 'ty ir gb jk'

Q.17) What is the code for 'land'?

- a) xz b) lp c) ty d) lo e) either 'xz' or 'lo'

Ans: e

Exp:



Q.18) Which of the following words can be coded as 'fu op ta gb'?

- a) crown flower rose water

b) queen jasmine water flower

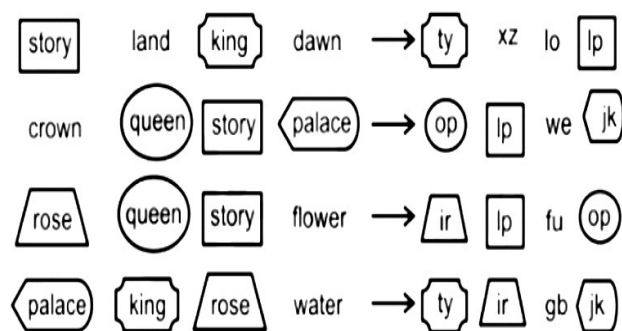
c) palace water land rose

d) land water flower prince

e) king story dream flower

Ans: b

Exp:

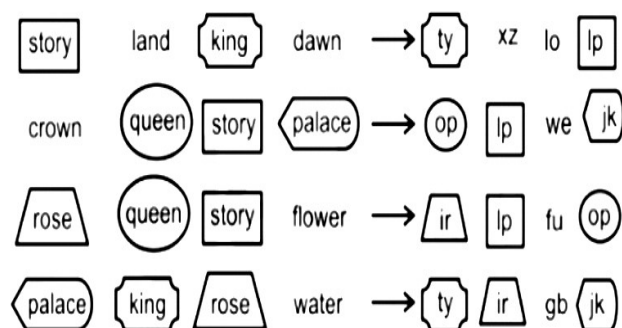


Q.19) which of following word does 'jk' represent?

- a) palace b) rose c) water
d) queen e) land

Ans: a

Exp:



D.20-24) In the question below are given two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Q.20)

Statement:

Only a few memes are jokes.

Only a few jokes are prank.

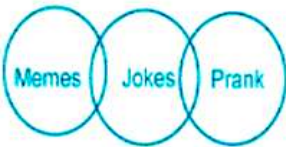
Conclusion:

- I. All memes are jokes is a possibility.
 II. Some jokes are memes.
 a) Only I follows
 b) Only II follows
 c) Either I or II follows
 d) Neither I nor II follows
 e) Both I and II follow

Ans: b

Exp:

The least possible diagram for the given statements is as follows

**Conclusions:**

I. All memes are jokes is a possibility → False (It is given that only few memes are jokes that mean some part of memes are definitely not jokes)

II. Some jokes are memes → True (Part of jokes are memes)

Hence, only II follows.

Q.21)

Statements:

- I. Some Fh are Sc. II. Only Sc are Dv.
 III. No Fh is Bk.

Conclusions:

- I. No Bk is Dv. II. No Dv is Fh.
 III. Some Sc are Bk.
 a) Both conclusion I and conclusion II follow.
 b) Only conclusion II follows
 c) Only conclusion III follows
 d) Both conclusion II and conclusion III follow.
 e) Either Conclusion I or Conclusion II follows

Ans: a

Exp:

Note:

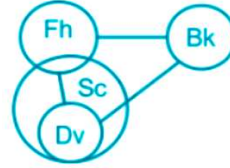
II. Only Sc are Dv.

All Dv are Sc.

No Dv is Fh.

No Dv is Bk.

The least possible Venn diagram is given below

**Conclusions:**

- I. No Bk is Dv. → True (Only Sc are Dv means all Dv are Sc but Dv can never have relation with other elements.)
 II. No Dv is Fh. → True (Only Sc are Dv means all Dv are Sc but Dv can never have relation with other elements.)
 III. Some Sc are Bk. → False (it is possible but not definite)
 Hence, both conclusion I and conclusion II follow.

Q.22)

Statements:

- Only a few P is Q.
 No Q is R.
 Some R is S.

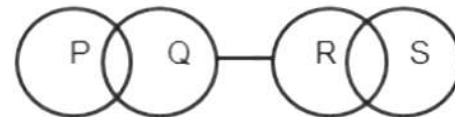
Conclusions:

- I. All P is R
 II. Some P is not R.
 III. Some S is P
 a) Only I follow b) Only II & III follow
 c) Only II follow d) Only I & II follow
 e) None follows

Ans: c

Exp:

The least possible diagram for the given statements is as follows,

**Conclusions:**

- I. All P is R. → False (It is definitely false)
 II. Some P is not R. → True (Part of P that is Q are not R)
 III. Some S is P. → False (It is definitely false)

Thus, only II conclusion follows.

Q.23)

Statements:

Some pens are mobile.

All mobiles are digital.

Conclusions:

I. Some pens are digital.

II. All pens are digital.

a) Only I follows

b) Only II follows

c) Both I and II follow

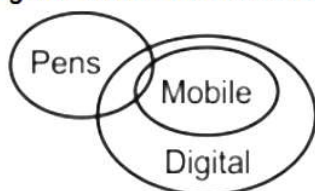
d) Either I or II follow

e) None follows

Ans: a

Exp:

The least possible Venn diagram for the given statements is as follows:



Conclusions:

I. Some pens are digital → True (as some pens are mobiles and all mobiles are digital)

II. All pens are digital → False (it is possible but not definite)

Hence, only I follows.

Q.24)

Statements:

All t-shirts are tops.

Some tops are pants.

Conclusions:

I. Some pants are t-shirts.

II. No pant is a t-shirt.

a) Only I follows

b) Only II follows

c) Either I or II follows

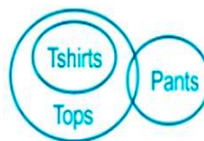
d) Both I and II follow

e) None follows

Ans: c

Exp:

The least possible Venn diagram for the given statements is as follows-



Conclusions:

I. Some pants are t-shirts. → False (This case is possible but not definite.)

II. No pant is a t-shirt. → False (This case is possible but not definite.)

Both the conclusions form a Complementary pair, hence **either I or II follows**.

***Note:** A set of two conclusions is said to be a Complementary Pair and thus form a case of **either or**, when they follow the following conditions-

i) Both the objects must be same in both conclusions.

ii) Both the conclusions must be False individually.

Some of the cases of complimentary pairs are-

Some + No & All + Some Not

*Remember Some + Some not is **never** a complimentary pair.

D.25-27) Read the instructions carefully and answer the question.

There are five friends namely A, B, C, D, E. Each of them have different weights. A is heavier than B but lighter than C. D is lighter C than but not the lightest. C is not heaviest. Number of persons heavier than A and number of persons lighter than C are equal. Weight of the second lightest is 45kg.

Q.25) What would be the weight of D if weight of C is 57kg ?

a) 44kg b) 43kg c) 49kg

d) 58kg e) 60kg

Ans: c

Exp:

1) A is heavier than B but lighter than C.

2) D is lighter C than but not the lightest.

$C > A/D > A/D > B$

3) C is not heaviest. since we don't know definite position of D and A.

$E > C > A/D > A/D > B$

4) Number of persons heavier than A and number of persons lighter than C are equal. Here no.

of persons lighter than C is 3. Then no. of persons heavier than A should be 3

$E > C > D > A > B$

5) Weight of the second lightest is 45kg.

$E > C > D > A (45 \text{ kg}) > B$

Since D is middle in weights between A and C his weight should be between 45kg and 57 kg

Hence, weight of D is 49kg.

Q.26) Who is the third heaviest among the friends?

a) A b) C c) B d) E e) D

Ans: e

Exp:

1) A is heavier than B but lighter than C.

2) D is lighter C than but not the lightest.

$C > A/D > A/D > B$

3) C is not heaviest. since we don't know definite position of D and A.

$E > C > A/D > A/D > B$

4) Number of persons heavier than A and number of persons lighter than C are equal. Here no. of persons lighter than C is 3. Then no. of persons heavier than A should be 3

$E > C > D > A > B$

5) Weight of the second lightest is 45kg.

$E > C > D > A (45 \text{ kg}) > B$

Hence, The third heaviest is D.

Q.27) How many persons are in there between C and D?

a) One b) Two c) Three

d) Four e) None

Ans: e

Exp:

1) A is heavier than B but lighter than C.

2) D is lighter C than but not the lightest.

$C > A/D > A/D > B$

3) C is not heaviest. since we don't know definite position of D and A.

$E > C > A/D > A/D > B$

4) Number of persons heavier than A and number of persons lighter than C are equal. Here no. of persons lighter than C is 3. Then no. of persons

heavier than A should be 3

$E > C > D > A > B$

5) Weight of the second lightest is 45 kg.

$E > C > D > A (45 \text{ kg}) > B$

Since C and D is 2nd and 3rd in weights respectively

Hence, The answer is None.

D.28-30) Read carefully the information give below and answer the following questions.

T is married to D. K is the brother of D. J is the husband of C. Y is married to L and Y is the daughter of J. S is the sister of B and B is the brother of K. K is the son of L.

Q.28) How many married couples are there in the family?

a) 2

b) 3

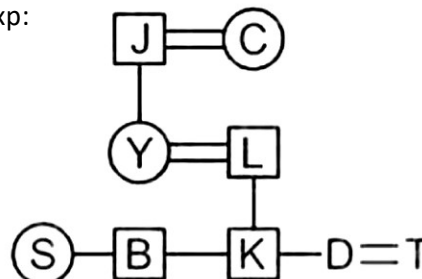
c) Data inadequate

d) 1

e) None of these

Ans: b

Exp:



There are three married couples in the family.

Q.29) How D is related to B ?

a) Sister

b) Brother

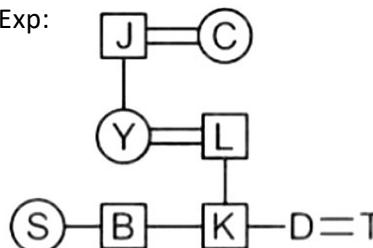
c) Brother-in-law

d) Cousin

e) Data inadequate

Ans: e

Exp:



As per the given information, it is not clear if D is male or female.

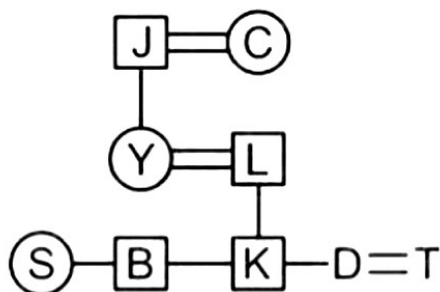
Hence the data is inadequate to answer the given question.

Q.30) How is S related to L?

- a) Daughter b) Mother
c) Mother-in-law d) Data inadequate
e) None of these

Ans: a

Exp:



Hence, S is the daughter of L.

D.31-35) Study the information carefully and answer the given questions.

Eight people S, T, U, V, W, X, Y, and Z are sitting around a circular table facing the center but not necessarily in the same order.

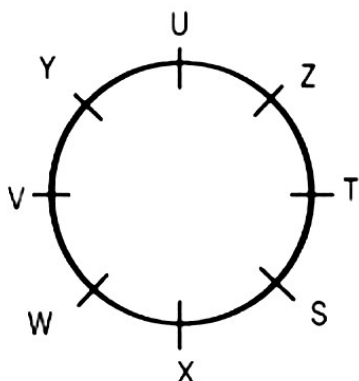
One person sits between Z and Y. Z sits immediate right of T. Four people sit between U and S. V sits six places away from X. U and W are not immediate neighbors. S and V are not immediate neighbors. One person sits between V and U.

Q.31) Who is sitting opposite to S?

- a) V b) U c) Z d) Y e) W

Ans: d

Exp:

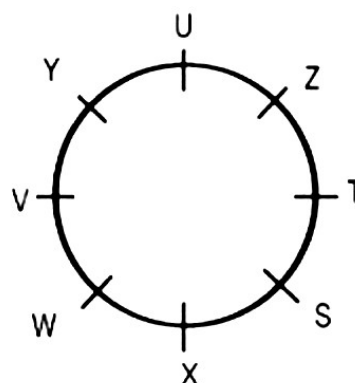


Q.32) Who is sitting fifth to the right of T?

- a) W b) V c) Z d) X e) Y

Ans: a

Exp:

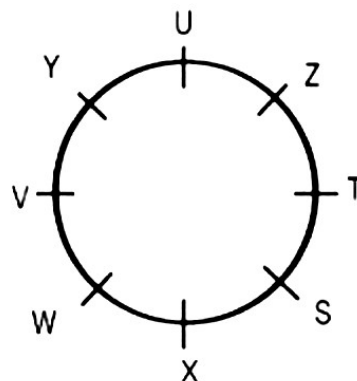


Q.33) Which of the following is correct?

- a) X sits second to the left of Z
b) Y sits second to the left of Z
c) W is an immediate neighbour of S
d) W sits second to the right of Y
e) S sits fourth to the left of U

Ans: d

Exp:

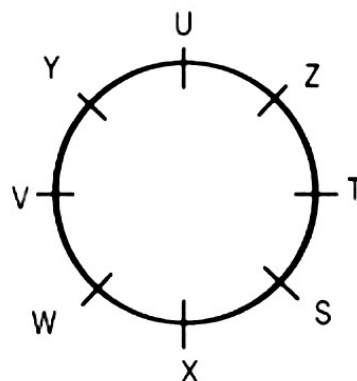


Q.34) Who is sitting fourth to the right of Z?

- a) W b) V c) Y d) S e) X

Ans: a

Exp:

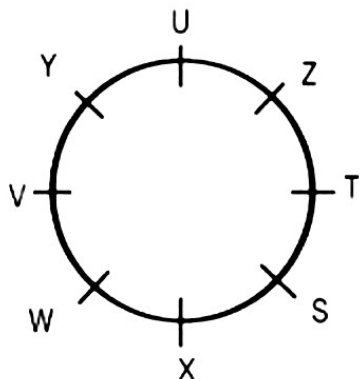


Q.35) Who sits third to the left of S?

- a) W b) V c) X
d) Y e) U

Ans: b

Exp:



D.36-40) In the following question assuming the given statements to be true, find which of the conclusion among given conclusions is/are definitely true and then give your answers accordingly.

Q.36)

Statements:

$L > T = I \geq N > P < R < E > B$

Conclusions:

I. $T > P < I$

II. $N \leq L \geq I$

- 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 conclusions I and II are true

Ans: a

Exp:

Statements: $L > T = I \geq N > P < R < E > B$

Conclusions:

I. $T > P < I \rightarrow \text{True}$ (as $T = I \geq N > P \rightarrow T > P < I$)

II. $N \leq L \geq I \rightarrow \text{False}$ (as $L > T = I \geq N \rightarrow N < L > I$)

Clearly, only conclusion I is true.

Q.37)

Statements:

$K \leq I \geq N > L \leq E \geq P$; $W = I \geq T < H$;

Conclusions :

I. $W \geq T$

II. $H > L$

III. $P < I$

- a) Only III is true
b) Only I is true
c) Both II and III are true
d) Both I and III are true
e) None is true

Ans: b

Exp:

Given statement: $K \leq I \geq N > L \leq E \geq P$; $W = I \geq T < H$;

On combining: $K \leq I \geq N > L \leq E \geq P$; $W = I \geq N > L \leq E \geq P$

I. $W \geq T \rightarrow \text{True}$ ($W = I \geq T$)

II. $H > L \rightarrow \text{False}$ ($L < N \leq I \geq T < H$)

III. $P < I \rightarrow \text{False}$ ($I \geq N > L \leq E \geq P$)

Only conclusion I is true.

Q.38)

Statements:

$W < Q > R$; $R = T$; $T < S$

Conclusions:

I. $Q < T$

II. $S > W$

- a) Only conclusions I is true.
b) Only conclusions II is true.
c) Either conclusions I or II is true.
d) Neither conclusions I nor II is true.
e) Both conclusions I and II are true.

Ans: d

Exp:

On combining: $W < Q > R = T < S$

I. $Q < T$ is false as $Q > R = T$.

II. $S > W$ is false as $W < Q > R = T < S$ and hence no relation can be established between S and W.

Hence both the conclusions are false.

Q.39)

Statements:

$P < U = N < C > H > E$; $K > C$

Conclusions:

(I) $P < C$

(II) $U > H$

- a) Both conclusions I and II are true.
b) Only conclusion II is true.
c) Only conclusion I is true

- d) Either conclusion I or II is true.
e) Neither conclusion I nor II is true.

Ans: c

Exp:

Given statements: $P < U = N < C > H > E$; $K > C$

On combining: $P < U = N < C < K$; $K > C > H > E$

Conclusion:

- I) $P < C \rightarrow$ True (as, $P < U = N < C \rightarrow P < C$)
II) $U > H \rightarrow$ False (as, $U = N < C > H \rightarrow$ No relation found between U and H)

Therefore, only Conclusion I is true.

Q.40)

Statements:

$P < S < E$; $S > F = G$

Conclusions:

- I. $P = G$
II. $F > E$
III. $G < S$
a) Only I and II are true
b) Only I and III are true
c) Only III is true
d) All of them are true
e) None of them are true

Ans: c

Exp:

Given statements: $P < S < E$; $S > F = G$

Conclusions:

- I. $P = G \rightarrow$ false (as $P < S$ and $S > F = G \rightarrow P < S > F = G \rightarrow$ clear relation between P and G cannot be determined)
II. $F > E \rightarrow$ false (as $S < E$ and $S > F \rightarrow E > S > F \rightarrow E > F$)
III. $G < S \rightarrow$ true (as $S > F = G \rightarrow S > G$)
Hence only conclusion III follows.

నేషనల్ న్యూస్

దేశంలోనే తొలి మహిళా ఏడీసీగా మనీశా

◆ దేశంలోనే తొలి మహిళా ఏడీసీ(ఎయిడ్ డీ క్యాంప్)గా ఇండియన్ ఎయిర్ ఫోర్స్ కు చెందిన అధికారిణి మనీశా పాథీ నియమితులయ్యారు. 2015 బ్యాచ్ కు చెందిన మనీశాను మిజోరం గవర్నర్ కంభంపాటి హరిబాబు ఇటీవల ఏడీసీగా నియమిస్తూ నిర్ణయం తీసుకొన్నారు. వెంటనే ఉద్యోగంలో చేరిన ఆమె నవంబర్ నెల 29న గవర్నర్ కు రిపోర్టు చేశారు. ఐజాల్లోని రాజభన్ లో ఉన్న అధికారులు, సిబ్బందికి తనను పరిచయం చేసుకొన్నారు. ఐడీసీగా నియమించక ముందు.. మనీశా బీదర్, పుణే, బరిండా ఎయిర్ ఫోర్స్ స్టేషన్లలో పనిచేశారు. భారత్ లో ఎయిర్ డీ క్యాంప్ ను గౌరవ బిరుదుగా పేర్కొంటారు. రాష్ట్ర పతికి ఐదుగురు ఏడీసీలు ఉంటారు. అదే విధంగా ఆర్మీ, నేవీ, ఎయిర్ ఫోర్స్ చీఫ్లకు ముగ్గురు చొప్పున ఏడీసీలు ఉంటారు.

ఈడబ్ల్యూఎస్ రిజర్వేషన్లకు 50 శాతం పరిమితి వర్తించదు

◆ యాభై శాతం రిజర్వేషన్ల పరిమితి నిబంధన రాజ్యాంగంలోని ఆర్టికల్ 15(4), 16(4) కింద ఇచ్చిన వాటికి మాత్రమే వర్తిస్తుందని కేంద్ర సహాయ మంత్రి ప్రతిమా భౌమిక్ తెలిపారు. ఆర్టికల్ 15(6), 16(6) కింద ఆర్థిక బలహీన వర్గాలకు ఇచ్చిన 10 శాతం రిజర్వేషన్లకు ఈ పరిమితి వర్తించదని ఆమె స్పష్టంచేశారు. 10 శాతం ఈడబ్ల్యూఎస్ రిజర్వేషన్ల అమలు కారణంగా ఇప్పటి వరకు ఉన్న 50 శాతం పరిమితి దాటిపోయిందని, సుప్రీం కోర్టు కూడా పచ్చ జెండా ఊపిన నేపథ్యంలో ఇప్పుడున్న 27 శాతం ఓబీసీ రిజర్వేషన్లను పెంచే అవకాశం ఉందా అని 13-12-2023న రాజ్యసభలో సభ్యులు అడిగిన ప్రశ్నకు బదులిచ్చారు. “ఇందిరా సాహ్ని కేసులో సుప్రీంకోర్టు 1992 నవంబరు 16న ఇచ్చిన తీర్పులో ఆర్టికల్ 15(4), 16(4) కింద ఇచ్చిన రిజర్వేషన్లు 50 శాతానికి మించకూడదని చెప్పింది. ప్రస్తుతం ఆ ఆర్టికల్స్ కింద ఎస్సీ,

ఎస్టీ, ఓబీసీలకు ఇస్తున్న రిజర్వేషన్లు 50 శాతానికి మించవు. కేంద్ర ప్రభుత్వం 2019లో 103వ రాజ్యాంగ సవరణ ద్వారా అర్థికంగా వెనుకబడిన వర్గాలకు రాజ్యాంగంలోని అర్థికల్ 15(6), అర్థికల్ 16(6) కింద 10 శాతం రిజర్వేషన్లు కల్పించింది. ఇవి అర్థికల్ 15(4), 16(4) కింద కల్పించిన 50 శాతం రిజర్వేషన్ల పరిమితిని ఉల్లంఘించవు” అని వెల్లడించారు.

జీఎస్టీ వసూళ్లు రూ.1.68 లక్షల కోట్లు

◆ వస్తు సేవల పన్ను (జీఎస్టీ) వసూళ్లు నవంబర్లో రూ. 1.68 లక్షల కోట్లుగా నమోదయ్యాయి. గత ఏడాది ఇదే నెలతో (రూ.1.45 లక్షల కోట్లు) పోల్చితే ఈ పరిమాణం 15శాతం అధికం. అర్థిక శాఖ విడుదల చేసిన గణాంకాలను పరిశీలిస్తే

- ◆ మొత్తం వసూళ్లు రూ. 1,67,929 కోట్లు
- ◆ ఇందులో సీజీఎస్టీ వసూళ్లు 30,420 కోట్లు
- ◆ ఎస్జీటీ వసూళ్లు రూ. 38,226 కోట్లు.
- ◆ ఇంటిగ్రేటెడ్ జీఎస్టీ పరిమాణం రూ. 87,009 కోట్లు (వస్తు దిగుమతులపై వసూలయిన రూ. 30,198 కోట్లు కలిపి)
- ◆ సెస్ రూ.12,274 కోట్లు (వస్తు దిగుమతులపై వసూలయిన రూ. 1,036 కోట్లునహా)

అర్థిక సంవత్సరంలో తీరు :

అర్థిక సంవత్సరం తొలి నెల ఏప్రిల్లో చరిత్రాత్మకస్థాయిలో రూ. 1.87 లక్షల కోట్ల అత్యధిక వసూళ్లు నమోదయ్యాయి. మే, జూన్ నెలల్లో వరుసగా రూ. 1.57 లక్షల కోట్లు, రూ. 1.61 లక్షల కోట్లు ఒనగూరాయి. జూలై వసూళ్లు రూ. 1.60 లక్షల కోట్లు. ఆగస్టు వసూళ్లు రూ. 1.59 లక్షల కోట్లు కాగా, సెప్టెంబర్లో రూ. 1.63 లక్షల కోట్ల జీఎస్టీ రాబడి నమోదయ్యింది. ఇక అక్టోబర్ విషయానికి వస్తే వసూళ్లు భారీగా రూ. 1.72 లక్షల కోట్లుగా నమోదయ్యాయి. 2017 జూలైలో ప్రారంభం తర్వాత ఇవి రెండవ భారీ స్థాయి వసూళ్లు (2023 ఏప్రిల్ తర్వాత) కావడం గమనార్హం.

లోక్సభ సెక్రటరీ జనరల్ పదవీ కాలం పొడిగింపు

◆ లోక్సభ సెక్రటరీ జనరల్ ఉత్పల్ కుమార్ సింగ్ పదవీ కాలాన్ని మరో ఏడాది పొడిగిస్తూ ఉత్తర్వులు జారీ అయ్యాయి. ‘ఉత్పల్ పదవీ కాలాన్ని స్పీకరు ఓం బిర్లా పొడిగించారు. ఆయనకు కేబినెట్ సెక్రటరీ హోదా ఉంటుంది.

2023 డిసెంబరు 1 నుంచి 2024 నవంబరు 30 వరకూ ఆయన ఆ పదవిలో కొనసాగుతారు’ అని ఆ ఉత్తర్వుల్లో పేర్కొన్నారు. 2020 డిసెంబరు 1వ తేదీన లోక్సభ సెక్రటరీ జనరల్గా ఉత్పల్ కుమార్ సింగ్ నియమితులయ్యారు. 2021 నవంబరు 30వ తేదీన ఆయనకు రెండేళ్ల పొడిగింపు ఇచ్చారు. మళ్లీ ఏడాది పొడిగింపునిస్తూ ఉత్తర్వులు జారీ అయ్యాయి

యునెస్కో జాబితాలో గర్భాన్యత

◆ గుజరాత్ సంప్రదాయ నృత్యం గర్భాను ఐక్యరాజ్య సమితి విద్యా, శాస్త్రీయ సాంస్కృతిక సంస్థ (యునెస్కో) గుర్తింపు లభించింది. ఈ విషయాన్ని 06-12-2023న గుజరాత్ సీఎం భూపేంద్ర పటేల్ తెలిపారు. గర్భాను మానవత్వ సాంస్కృతిక వారసత్వ ప్రాతినిధ్య జాబితాలో యునెస్కో చేర్చినట్లు ప్రకటించారు. ఇది గుజరాత్ ప్రజలకు గర్వకారణమని పేర్కొన్నారు. గర్భా నృత్యం యునెస్కో జాబితాలో చేరడంపై ప్రధాని మోదీ ఆనందం వ్యక్తం చేశారు. భారత సంస్కృతిని ప్రపంచానికి చూపేందుకు ఇది గొప్ప అవకాశమని అన్నారు. మన వారసత్వాన్ని భవిష్యత్తు తరాల కోసం సంరక్షించడానికి ఈ గౌరవం స్ఫూర్తినిస్తుందని చెప్పారు.

ఐఎఫ్ఎఫ్ఐ స్ట్రీనింగ్కు ‘ది లైట్’ చిత్రం ఎంపిక

◆ గోవాలో జరిగిన ఇంటర్నేషనల్ ఫిలిం ఫెస్టివల్ ఆఫ్ ఇండియా (ఐఎఫ్ఎఫ్ఐ) స్ట్రీనింగ్కు యానిమేటెడ్ ‘ది లైట్’ ఎంపికైంది. బ్రహ్మకుమారి గుడ్వుడ్ స్టూడియో ద్వారా నిర్మించిన ఈ చిత్రం మానవుడి మానసిక దృక్పథాన్ని సకారాత్మక దిశగా తీసుకెళ్లేందుకు దోహదపడే అద్భుత చిత్రం. స్వపరివర్తన ద్వారా విశ్వపరివర్తన సాధ్యమని నిరూపించే ఆధ్యాత్మిక జీవన విధానాన్ని తెలిపే అంశాలను ఇందులో చూపించారు.

ఐరాస కీలక కమిటీలో భారత్కు సభ్యత్వం

◆ ఆహార భద్రత, నాణ్యతా ప్రమాణాల్ని నిర్దేశించే ఐక్యరాజ్యసమితి (ఐరాస)కి చెందిన అత్యంత కీలకమైన కమిటీలో భారత్ సభ్య దేశంగా ఎన్నికైంది. రోమ్లోని ఐరాస ఫుడ్, అగ్రికల్చర్ ఆర్గనైజేషన్ ప్రధాన కార్యాలయంలో జరిగిన ‘సీఎస్’ 46వ సమావేశంలో ఎగ్జిక్యూటివ్ కమిటీలో ఆసియా ప్రాంతం నుంచి ప్రాతినిధ్యం వహించే సభ్య దేశంగా భారత్ ఏకగ్రీవంగా ఎంపికైంది. ఐరాస ఎగ్జిక్యూటివ్ కమిటీలో ముఖ్య

విభాగమైన 'సీ ఏసీ' (కోడెక్స్ అలిమాంటేరియస్ కమిషన్)లో సభ్యుడేతంగా ఎన్నికయ్యేందుకు అనేక దేశాలు ఆసక్తి చూపుతాయి. వివిధ రకాల ఆహార ఉత్పత్తులకు సంబంధించి అంతర్జాతీయ ప్రమాణాల్ని నిర్దేశించటంలో, నిర్ణయాత్మక ప్రక్రియలో సభ్యుడేతంగా భారత్ కీలక ప్రాత పోషిస్తుందని కేంద్ర ఆరోగ్య శాఖ ఒక ప్రకటనలో పేర్కొన్నది.

రవి బిష్టోయ్ @1

◆ టీమ్ ఇండియా యువ స్పిన్నర్ రవి బిష్టోయ్ తన కెరీర్లో అత్యుత్తమ ర్యాంక్ అందుకున్నాడు. అంతర్జాతీయ క్రికెట్ కౌన్సిల్(ఐసీసీ) ప్రకటించిన తాజా టీ20 ర్యాంకింగ్స్ బిష్టోయ్ 699 పాయింట్లతో ఐదు ర్యాంక్లు మెరుగుపరచుకుని నంబర్ వన్ ర్యాంక్లో నిలిచాడు. ఈ క్రమంలో అఫ్గానిస్థాన్ స్పిన్నర్ రషీద్ ఖాన్ (692)ను రెండో ర్యాంక్కు పరిమితం చేశాడు. ఇటీవల ఆస్ట్రేలియాతో ముగిసిన టీ20 సిరీస్లో రవి బిష్టోయ్ తొమ్మిది వికెట్లు పడగొట్టి మ్యాన్ ఆఫ్ ద సిరీస్గా నిలిచాడు. మరోవైపు బ్యాటింగ్ ర్యాంకింగ్స్లో తాత్కాలిక కెప్టెన్ సూర్యకుమార్ యాదవ్ (855) టాప్ ర్యాంక్లో కొనసాగుతున్నాడు. రుతురాజ్ గైక్వాడ్ (688) ఏడో ర్యాంక్లో ఉన్నాడు. ఆల్ రౌండ్లర్ విభాగంలో హార్దిక్ పాండ్యా (204) మూడో ర్యాంక్లో కొనసాగుతున్నాడు.

ఇఫ్తార్ విందుకు యునెస్కో గుర్తింపు

◆ రంజాన్ మాసంలో ముస్లింలు ఇచ్చే ఇఫ్తార్ విందుకు యునెస్కో (ఐక్య రాజ్యసమితి విద్య, శాస్త్రీయ, సాంస్కృతిక సంస్థ) గుర్తింపు లభించింది. ఇరాన్, టర్కీ, అజర్బైజాన్, ఉజ్బెకిస్తాన్ సంయుక్తంగా చేసిన ప్రతిపాదనను ఆమోదించింది. ఉపవాసం తర్వాత సాయంత్రం వేళలో ఇచ్చే ఈ విందు వల్ల కుటుంబం, కమ్యూనిటీ సంబంధాలు బలోపేతమవుతాయని, దాతృత్వం, సంఘీభావం, సాంఘిక మార్పిడిని ప్రోత్సహిస్తుందని తెలిపింది. ఉపవాసం వల్ల కలిగే ప్రయోజనాలను తల్లిదండ్రులు తమ పిల్లలకు వివరిస్తారని, సాంఘిక విలువలు పెంపొందుతాయని వివరించింది.

16వ ఆర్థిక సంఘానికి శ్రీకారం

◆ కేంద్ర ప్రభుత్వం 16వ ఆర్థిక సంఘం ఏర్పాటుకు శ్రీకారం చుట్టింది. దానికి సంబంధించిన విధి విధానాలకు ప్రధాని మోదీ అధ్యక్షతన 29-11-2023న రాత్రి జరిగిన

కేంద్ర మంత్రివర్గ సమావేశం ఆమోద ముద్ర వేసింది. త్వరలో చైర్మన్, సభ్యులను నియమించనుంది. 2025 అక్టోబరు 31 నాటికి ఈ కొత్త సంఘం నివేదిక ఇవ్వాలి ఉంటుంది. సిఫార్సులు 2026 ఏప్రిల్ 1 నుంచి అమల్లోకి వస్తాయి. కేంద్ర సంఘటిత నిధికి చేరే పన్నులను కేంద్ర, రాష్ట్ర ప్రభుత్వాల మధ్య పంపిణీ చేయడానికి వీలుగా రాజ్యాంగంలోని ఆర్టికల్ 280(1) ప్రకారం ఆర్థిక సంఘాన్ని కేంద్ర ప్రభుత్వం ఏర్పాటు చేయాల్సి ఉంటుంది. కేంద్రం అందించే గ్రాంట్ల పంపిణీ, రాష్ట్రాల ఆర్థిక వనరులను అంచనా వేసి ఐదేళ్ల కాలంలో దేశవ్యాప్తంగా ఉన్న పంచాయతీ వ్యవస్థలకు అదనపు నిధులను సమకూర్చడానికి తీసుకోవాల్సిన చర్యలను ఈ ఆర్థిక సంఘం సూచిస్తుంది.

◆ 2017 నవంబరు 27న ఏర్పాటైన 15వ ఆర్థిక సంఘం 2020 ఏప్రిల్ 1 నుంచి ఆరేళ్ల కాలానికి సిఫార్సులు చేసింది. అవి 2020 మార్చి 31 వరకూ అమల్లో ఉంటాయి. 16వ ఆర్థిక సంఘం సిఫార్సులు 2026 ఏప్రిల్ 1 నుంచి అమల్లోకి వస్తాయి. దేశవ్యాప్తంగా పర్యటించి, రాష్ట్రాల అభిప్రాయాలను తీసుకుని నివేదిక అందించడానికి రెండేళ్ల సమయం పడుతుందన్న కారణంతో కేంద్రం 16వ ఆర్థిక సంఘాన్ని ఇప్పుడే ఏర్పాటు చేస్తోంది. సంఘానికి సంబంధించిన ప్రాథమిక పనులను చూడటానికి ప్రత్యేక సెల్ను కేంద్ర ఆర్థికశాఖలో 2022 నవంబరు 21న ఏర్పాటు చేశారు. విధి విధానాల ఖరారు కోసం కేంద్ర ఆర్థికశాఖ వ్యయ, ఆర్థిక, రెవెన్యూ, పైనాన్నియల్ సర్వీసుల కార్యదర్శులు, ముఖ్య ఆర్థిక సలహాదారు, నీతి ఆయోగ్ అదనపు కార్యదర్శుల నేతృత్వంలో ఒక వర్కింగ్ గ్రూప్ను నియమించారు.

◆ రాజ్యాంగం ప్రకారం వచ్చే నికర పన్నులను కేంద్ర, రాష్ట్రాల మధ్య పంపిణీ చేసి ఆ మొత్తాన్ని రాష్ట్రాలకు కేటాయించడం.

◆ భారత సంఘటిత నిధి నుంచి రాష్ట్రాలకు గ్రాంట్-ఇన్-ఎయిడ్ పంపిణీ చేయడానికి ఏ సూత్రాన్ని అనుసరించాలి. రాజ్యాంగంలోని ఆర్టికల్ 275 కింద రాష్ట్రాలకు ఆ గ్రాంట్లను ఎలా చెల్లించాలి.

◆ కేంద్రం 16వ ఆర్థిక సంఘానికి పైన పేర్కొన్న మూడింటితోపాటు మరో 8 విధి విధానాలను నిర్దేశించింది. 2011 జనాభా లెక్కల ప్రకారం గత ఆర్థిక సంఘం సిఫార్సులు చేసింది. ఇప్పుడు 2021 జనగణన జరగలేదు కాబట్టి ఇప్పుడూ అదే జనాభా లెక్కలను పరిగణనలోకి తీసుకునే అవకాశం ఉంది.

తెలంగాణ వార్తలు

సురక్షిత నగరం హైదరాబాద్

◆ తెలంగాణ రాజధాని హైదరాబాద్ సురక్షితమైన నగరంగా నిలిచింది. దేశంలోని ఇతర నగరాలతో పోలిస్తే హైదరాబాద్‌లో చాలా తక్కువగా నేరాలు నమోదవుతున్నట్టు జాతీయ నేర గణాంకాల సంస్థ (ఎన్సీ ఆర్బీ) వెల్లడించింది. ఈ మేరకు తాజాగా విడుదల చేసిన సురక్షిత నగరాల జాబితాలో హైదరాబాద్ దేశంలోనే మూడో స్థానంలో నిలిచింది. ఈ లిస్టులో పశ్చిమబెంగాల్ రాజధాని కోల్కతా, మహారాష్ట్రలోని పుణే నగరాలు మొదటి, రెండు స్థానాల్లో నిలిచాయి. మహా నగరాల్లో ప్రతి లక్ష జనాభాకు జరుగుతున్న నగటు నేరాల సంఖ్య ఆధారంగా ఎన్సీఆర్బీ ఈ సురక్షిత నగరాల జాబితాను ప్రకటించింది. ఐపీసీ సెక్షన్లతో పాటు ప్రత్యేక, స్థానిక చట్టాల కింద నమోదైన నేరాలను ఇందులో పరిగణనలోకి తీసుకొన్నారు. ఈ గణాంకాల ప్రకారం 2022లో కోల్కతాలో ప్రతి లక్ష జనాభాకు నగటున 86.5 కేసులు నమోదయ్యాయి. పుణేలో 280.7, హైదరాబాద్‌లో 299.2 కేసులు నమోదైనట్టు నివేదిక వెల్లడించింది. 20 లక్షలకు పైగా జనాభా ఉన్న 19 నగరాల్లో నమోదైన కేసులను పరిగణనలోకి తీసుకొన్న ఎన్సీఆర్బీ ఈ ర్యాంకులు ఇచ్చింది. అయితే కోల్కతాలో మహిళలపై జరిగిన నేరాలు 20215 (1,783 కేసులు) పోల్చితే 2022లో (1,890 కేసులు) పెరిగాయి. మహిళలపై నేరాల రేటు ఈ నగరంలో ప్రతి లక్ష జనాభాకు 27.1గా నమోదైంది. 11 రేప్ కేసులు, 34 హత్య కేసులు నమోదయ్యాయి.

లోక్ సభ ముందుకు గిరిజన బిల్లు

◆ రాష్ట్రంలో గిరిజన వర్మిటీ ఏర్పాటు ప్రక్రియను కేంద్ర ప్రభుత్వం ప్రారంభించింది. ములుగు జిల్లాలో 'సమ్మక్క సారక్క సెంట్రల్ ట్రైబల్ యూనివర్సిటీ' ఏర్పాటుకు ఉద్దేశించిన బిల్లును కేంద్రం 04-01-2023న లోక్ సభలో ప్రవేశపెట్టింది. కేంద్ర విద్యాశాఖ మంత్రి ధర్మేంద్ర ప్రధాన్ ఈ బిల్లును ప్రవేశపెట్టారు. 889.07 కోట్లతో వర్మిటీని నెలకొల్పనున్నారు. ఈ వర్మిటీ ఏర్పాటుకు అక్టోబర్ లో జరిగిన క్యాబినెట్ సమావేశం ఆమోదం తెలిపింది. ములుగు సమీపంలో 200 ఎకరాల స్థలాన్ని తెలంగాణ సర్కారు గతంలోనే గుర్తించింది. కేంద్ర ప్రతినిధులు

సైతం ఈ స్థలాన్ని పరిశీలించి, యూనివర్సిటీ ఏర్పాటుకు అనుకూలమని తేల్చారు. తెలంగాణతో పాటే ఏపీకి సైతం విజయనగరంలో గిరిజన వర్మిటీని మంజూరు చేశారు. ఈ వర్మిటీ 2019లోనే ఏర్పాటు కాగా, తరగతులు సైతం ప్రారంభమయ్యాయి.

డాక్టర్ రాజ్యలక్ష్మికి ఉత్తమ ఉపాధ్యాయ అవార్డు

◆ దక్షిణ భారత దేశంలో పీహెచ్డీ చేసిన తొలి సంచార జాతి మహిళగా రికార్డుల్లోకిక్కిన డాక్టర్ రాజ్యలక్ష్మికి తాజాగా మరో అరుదైన గౌరవం దక్కింది. బ్యాంకాక్ లో జరిగిన కాన్వోకేషన్ లో ఆమె ఉత్తమ ఉపాధ్యాయుని పురస్కారాన్ని అందుకున్నారు. ఈ కాన్వోకేషన్ లో టీఈఎస్ వోఎల్, టీవోఈఎఫ్ వోఎల్ తో పాటు ఇంగ్లీష్ శిక్షణను పూర్తి చేయడం ద్వారా అద్భుత విజయాన్ని అందుకునేలా అవకాశం దొరికిందని రాజ్యలక్ష్మి వెల్లడించారు. ఏసీటీ నుంచి బెస్ట్ టీచర్ అవార్డు అందుకోవడం మరింత బాధ్యతను పెంచిందని తెలిపారు.

జలమండలికి అవార్డు

◆ హైదరాబాద్ జలమండలికి ఈ ఏడాది మరో పురస్కారం లభించింది. పబ్లిక్ రిలేషన్స్ సొసైటీ ఆఫ్ ఇండియా (పీఆర్ఎస్ఐ) నేషనల్ అవార్డు-2023ను జలమండలి కైవసం చేసుకున్నది. ఇంటర్నేషనల్ పబ్లిక్ రిలేషన్స్ ఫెస్టివల్-2023లో 'కాఫీ టేబుల్ బుక్' క్యాటగిరీలో జలమండలికి ద్వితీయ బహుమతి లభించింది. ఇండియన్ ఆయిల్ కార్పొరేషన్, ఎన్టీపీసీ, ఇండియన్ ఇన్స్టిట్యూట్ ఆఫ్ మేనేజ్మెంట్ (ఐఐఎం), ఇతర మల్టీ నేషనల్ కంపెనీలతో పోటీపడి ఈ అవార్డును దక్కించుకున్నది. నిరుడు పీఆర్ఎస్ఐ నిర్వహించిన వివిధ పోటీల్లో జలమండలికి రెండు అవార్డులు దక్కాయి. జలమండలి పీఆర్ఎస్ఐ నేషనల్ అవార్డు గెలుచుకోవడం వరుసగా ఇది నాలుగోసారి కావడం విశేషం. జలమండలి ఈ ఏడాది ఇప్పటికే 4 అవార్డులు దక్కాయి. మార్చి 18న వరల్డ్ వాటర్, మే 1న ఉత్తమ యాజమాన్య, జూలై 5న పొల్యూషన్ కంట్రోల్ బోర్డు (పీసీబీ), ఆగస్టు 1న గ్లోబల్ ఇన్నోవేషన్ ఇన్ వాటర్ టెక్నాలజీ-2023 అవార్డులు వచ్చాయి. తాజా అవార్డుతో మొత్తం జలమండలి ఈ ఏడాది 5 పురస్కారాలను తన ఖాతాలో వేసుకున్నది.

ఈఎంఆర్ ఐకు ఏషియన్ కొవిడ్ వాలయర్ అవార్డు

◆ హైదరాబాద్ కు చెందిన ఈఎంఆర్ ఐ గ్రీన్ హెల్త్ సర్వీసెస్ (జీవీకే) కు ఏషియన్ కొవిడ్ వాలయర్ అవార్డు దక్కింది. కొవిడ్ సమయంలో 108 సిబ్బంది అందించిన అత్యవసర సేవలకు ఈ అవార్డు వచ్చింది. గురువారం జపాన్ లోని టోక్యోలో జరిగిన 6వ ఈఎమ్ఎస్ (అత్యవసర వైద్య సేవలు) అవార్డుల ప్రధానోత్సవంలో ఈ అవార్డును అందజేశారు. కొవిడ్ అత్యవసర వేళలో రాష్ట్రవ్యాప్తంగా 25.3 లక్షల మందికి ఎమర్జెన్సీ మెడికల్ టెక్నిషియన్ సహాయంతో వైద్యసేవలు అందించినట్లు నిర్వాహకులు తెలిపారు.

ఇంధన పరిరక్షణలో తెలంగాణకు అవార్డు

◆ ఇంధన పరిరక్షణ రంగంలో తెలంగాణకు మరో జాతీయ అవార్డు వరించింది. గ్రూప్-2లోని రాష్ట్రాల్లో తెలంగాణకు నిర్దేశిత సంస్థగా ఉన్న తెలంగాణ పునరుత్పాదక ఇంధన అభివృద్ధి సంస్థ (రెడ్కో) సర్టిఫికేట్ ఆఫ్ మెరిట్ అవార్డు అందుకున్నది. జాతీయ ఇంధన సంరక్షణ దినోత్సవం సందర్భంగా ఢిల్లీలోని విజ్ఞానభవన్ లో జరిగిన కార్యక్రమంలో రాష్ట్రపతి ద్రౌపది ముర్ము నుంచి రెడ్కో మేనేజింగ్ డైరెక్టర్ నీలం జానయ్య, ఎనర్జీ కన్జర్వేషన్ పీఠీ శ్రీనివాసులు అవార్డును అందుకున్నారు. ఈ సందర్భంగా జానయ్య మాట్లాడుతూ పర్యావరణ పరిరక్షణలో భాగంగా కర్బన ఉద్గారాల వాడకాన్ని తగ్గించేందుకు సంస్థలో అనేక కార్యక్రమాలు చేపడుతున్నామని తెలిపారు. దేశంలోనే తొలి సారిగా ఎనర్జీ కన్జర్వేషన్ బిల్డింగ్ కోడ్ ను మున్సిపల్ యాక్ట్ చేర్చిన రాష్ట్రంగా తెలంగాణ ఘనత సాధించిందని చెప్పారు.

పోచంపల్లి ఇక్కత్ భౌగోళిక గుర్తింపు పునరుద్ధరణ

◆ పోచంపల్లి ఇక్కత్ చేనేత ఉత్పత్తికి సంబంధించిన భౌగోళిక గుర్తింపును మరో పదేండ్లకు పునరుద్ధరించారు. ఈ మేరకు జియోగ్రఫికల్ ఇండికేషన్స్ (జీఐ) ఏజెంట్ సుభాజిత్ సాహా 15-12-2023న ఒక ప్రకటనలో వెల్లడించారు. భారతదేశ భౌగోళిక గుర్తింపు పొందిన మొట్ట మొదటి చేనేత ఉత్పత్తి కేంద్రం 'పోచంపల్లి ఇక్కత్' కావడం విశేషం. తొలిసారిగా 2004లో రిజిస్ట్రేషన్ పొందింది. ఇదిలా ఉండగా, జీఐ చట్టం ప్రకారం భౌగోళిక గుర్తింపు అమలులో ఉండటానికి ప్రతి 10 ఏండ్లకు ఓసారి పునరుద్ధరించుకోవాల్సి

ఉంది. దీంతో భాగంగా తాజాగా మరో సారి ఇక్కత్ జీఐని పునరుద్ధరించారని సాహా తెలిపారు. త్వరలోనే పోచంపల్లి ఇక్కత్ లోగో కూడా పునరుద్ధరణకు నోచు కుంటుందని ఆయన పేర్కొన్నారు. భౌగోళిక గుర్తింపు కోసం భారత్ నుంచి 15,000 కంటే ఎక్కువ ఉత్పత్తులకు అవకాశం ఉందని, ప్రస్తుతం 1,158 దరఖాస్తులు మాత్రమే జీఐ రిజిస్ట్రీలో నమోదు అయ్యాయని తెలిపారు.

QUANTITATIVE APTITUDE

D.1-5) What should come in place of the question mark '?' in the following number series?

Q.1) 7, 13, 23, 37, 55, ?

a) 62 b) 67 c) 72 d) 77 e) None of these

Ans: d

Exp:

$$7 + 6 = 13$$

$$13 + 10 = 23$$

$$23 + 14 = 37$$

$$37 + 18 = 55$$

$$55 + 22 = 77$$

Q.2) 99, 145, 199, ?, 331, 409, 495

a) 151 b) 261 c) 131 d) 171 e) 141

Ans: b

Exp:

$$\Rightarrow 99 + 46 = 145$$

$$\Rightarrow 145 + 54 = 199$$

$$\Rightarrow 199 + 62 = 261$$

$$\Rightarrow 261 + 70 = 331$$

$$\Rightarrow 331 + 78 = 409$$

$$\Rightarrow 409 + 86 = 495$$

Hence the correct option is 2.

Q.3) 1, 5, 9, 17, 25, ?, 49

a) 39 b) 33 c) 30 d) 31 e) 37

Ans: e

Exp:

$$\Rightarrow 1^2 = 1,$$

$$\Rightarrow 2^2 + 1 = 5,$$

$$\Rightarrow 3^2 = 9,$$

$$\Rightarrow 4^2 + 1 = 17,$$

$$\Rightarrow 5^2 = 25,$$

$$\Rightarrow 6^2 + 1 = 37$$

Q.4) 7, 35, 105, 525, 1575, ?

- a) 7815 b) 7875 c) 7565
d) 7655 e) 7460

Ans: b

Exp:

$$7 \times 5 = 35$$

$$35 \times 3 = 105$$

$$105 \times 5 = 525$$

$$525 \times 3 = 1575$$

$$1575 \times 5 = 7875$$

∴ The next term in the series is 7875.

Q.5) 24, 48, 12, 72, 9, ?

- a) 27 b) 54 c) 108 d) 90 e) 36

Ans: d

Exp:

$$24 \times 2 = 48$$

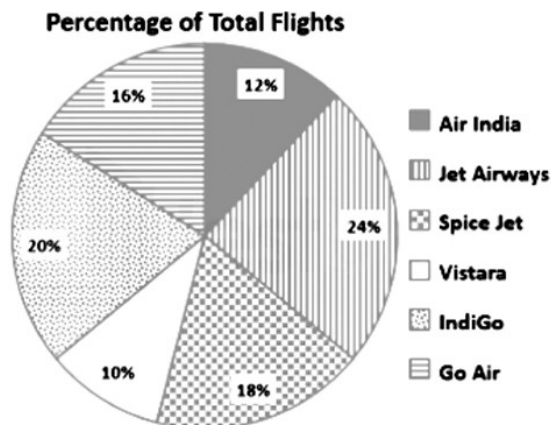
$$48 \div 4 = 12$$

$$12 \times 6 = 72$$

$$72 \div 8 = 9$$

$$9 \times 10 = 90$$

D.6-10) The pie chart shows the percentage of total flights of different airlines from an airport. Total number of flights from the airport in a month is 2500. Study the chart carefully and answer the questions.



Q.6) By what percentage the number of flights of Jet Airways are more than the number of flights of Go Air?

- a) 40% b) 100% c) 33.34%
d) 66.67% e) 50%

Ans: e

Exp:

From the Pie chart,

Percentages of flights of Jet Airways and Go Air are 24% and 16% respectively

$$\therefore \text{Required Percentage} = [24 - 16] / 16 = 50\%$$

Q.7) If 15% of the flights of Air India and 10% of the flights of Spice jet are International flights. Find the ratio of international flights of Air India and Spice jet.

- a) 1 : 2 b) 1 : 1 c) 2 : 3
d) 3 : 4 e) 4 : 5

Ans: b

Exp:

From the Pie chart,

$$\text{Number of flights of Air India} = 2500 \times 0.12 = 300$$

$$\text{Number of flights of Spice jet} = 2500 \times 0.18 = 450$$

Since 15% of the flights of Air India and 10% of the flights of Spice jet are International flights

$$\Rightarrow \text{Number of International flights of Air India} = 300 \times 0.15 = 45$$

$$\Rightarrow \text{Number of International flights of Spice jet} = 450 \times 0.1 = 45$$

$$\therefore \text{Required ratio} = 1 : 1$$

Q.8) If IndiGo stops its services at that Airport then what would be the changed percentage of Go Air flights out of total flights?

- a) 18% b) 30% c) 25%
d) 20% e) 22.5%

Ans: d

Exp:

From the Pie chart,

$$\Rightarrow \text{Number of flights of IndiGo} = 2500 \times 0.2 = 500$$

$$\Rightarrow \text{Number of flights of Go Air} = 2500 \times 0.16 = 400$$

$$\text{When IndiGo stops its services at that Airport, total flights} = 2500 - 500 = 2000$$

∴ Changed percentage of Go Air flights out of total flights = $[400/2000] \times 100 = 20\%$

Q.9) Find the difference of number of flights of Air India and Go Air together and number of flights of IndiGo and Spice jet together.

- a) 250 b) 500 c) 375
d) 175 e) 400

Ans: a

Exp:

From the Pie chart,

Percentages of flights of Air India and Go Air are 12% and 16% respectively and Percentages of flights of IndiGo and Spice jet are 20% and 18% respectively.

∴ Required difference = $2500 \times [(20 + 18) - (12 + 16)] = 250$

Q.10) 30% of the flights of Vistara are International flights and 60% of the flights of Jet Airways are Domestic flights then find the total number of Domestic flights of Vistara and Jet Airways.

- a) 485 b) 475 c) 535
d) 510 e) 525

Ans: c

Exp:

From the Pie chart,

Number of flights of Vistara = $2500 \times 0.1 = 250$

Number of flights of Jet Airways = $2500 \times 0.24 = 600$

Since 30% of the flights of Vistara are International flights and 60% of the flights of Jet Airways are Domestic flights

∴ Total number of Domestic flights of Vistara and Jet Airways = $250 \times 0.7 + 600 \times 0.6 = 535$

Q.11) A man sold a wrist watch for Rs.3200 at a loss of twenty percent. At what rate should he have sold the wristwatch to earn a profit of 25 percent?

- a) Rs. 4400 b) Rs. 5000 c) Rs. 4800
d) Rs. 5500 e) Rs. 4000

Ans: b

Exp:

Let, Cost price of the wrist watch = A

∴ Selling price at a loss of 20% = $A - A \times (20/100) = 4A/5$

According to problem,

$$\Rightarrow 4A/5 = 3200$$

$$\Rightarrow A = 4000$$

∴ Cost price of the wrist watch = Rs. 4000

∴ Selling price at a profit of 25% = $4000 + 4000 \times (25/100) = \text{Rs. } 5000$

Q.12) The SI on a certain sum of money for 5yrs at 7% pa is half The CI on 15000 for 2 years at 10% pa. Find The sum placed on simple interest.

- a) Rs. 4648 b) Rs. 5000 c) Rs. 4500
d) Rs. 4558 e) Rs. 4600

Ans: c

Exp:

Given:

SI on certain money for = 5yrs

SI on certain money for 5yrs = 7%

Amount for CI = Rs. 15000

Formula used:

Net effect formula for CI = $10 + 10 + (10 \times 10)/100 = 21\%$

Calculation:

Net effect formula for CI

$$\Rightarrow 10 + 10 + (10 \times 10)/100 = 21\%$$

$$\Rightarrow \text{Now, } 21\% \text{ of } 15000 = 3150$$

$$\Rightarrow \text{Sum of SI is half of CI} = 3150/2 = 1575$$

$$\Rightarrow \text{Sum} = (1575 \times 100)/5 \times 7$$

$$\Rightarrow \text{Sum} = 4500.$$

∴ The sum placed on simple interest is Rs. 4500.

Q.13) On the way to a trip, a person covers half the distance with speed 30 km/h and another half at a speed of 40 km/h. if the total time taken by him is 17 hour 30 mins, then what is the total distance travelled by him?

- a) 300 km b) 400 km c) 500 km
d) 600 km e) 700 km

Ans: d

Exp:

Let the total distance be 2x

$$\Rightarrow \text{Time taken to cover } 1^{\text{st}} \text{ half distance} = (x/30) \text{ hour}$$

$$\Rightarrow \text{Time taken to cover } 2^{\text{nd}} \text{ half distance} = (x/40) \text{ hour}$$

$$\Rightarrow \text{Total time taken} = 17 \text{ hr } 30 \text{ min} = 17.5 \text{ hour}$$

According to question,

$$\Rightarrow (x/30) + (x/40) = 17.5$$

$$\Rightarrow x = 300$$

∴ Total distance = $2x$ km = 600 km

Q.14) A boat goes 320 km downstream in 8 hours and a distance of 280 km upstream in 8 hours. Find the speed of the boat in still water.

- a) 35 km/hr b) 31.5 km/hr
c) 32.5 km/hr d) 27.5 km/hr
e) 37.5 km/hr

Ans: e

Exp:

Given:

Boat travels 320 km downstream in 8 hour

Boat travels 280 km upstream in 8 hour

Concept:

Let x be the speed of boat in still water and y be the speed stream

$$\Rightarrow \text{relative upstream speed} = x - y$$

$$\Rightarrow \text{relative downstream speed} = x + y$$

Speed = distance/time

Calculation:

Let x be the speed of the boat in still water and y be the speed of stream

$$\text{Upstream speed} = x - y = 280/8 = 35 \text{ km/hr}$$

$$\text{Downstream speed} = x + y = 320/8 = 40 \text{ km/hr}$$

Speed of the boat in still water, $x = (\text{upstream speed} + \text{downstream speed})/2$

$$\Rightarrow x = (40 + 35)/2 = 75/2 = 37.5 \text{ km/hr}$$

∴ Speed of the boat in still water is 37.5 km/hr

Q.15) A 150 m long train crosses a bridge at the speed of 90 km per hour in 22 seconds. The length of the bridge is

- a) 150 m b) 400 m c) 300 m
d) 200 m e) 550 m

Ans: b

Exp:

Let length of the bridge be L m

∴ Total distance covered by the train to pass a bridge = $150 + L$

Given,

$$\text{Speed of the train} = 90 \text{ km/hr} = 90 \times (5/18) = 25 \text{ m/s}$$

Time taken = 22 sec

We know that,

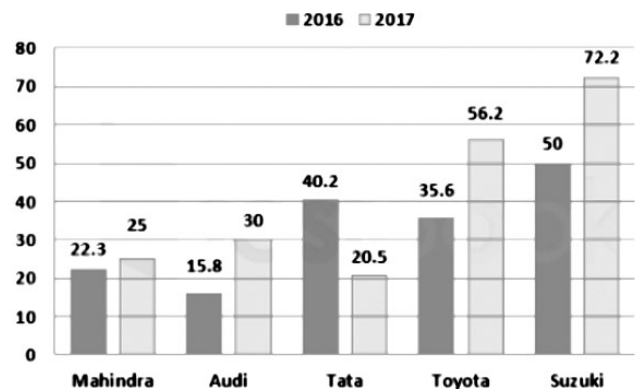
$$\text{Distance} = \text{Speed} \times \text{Time}$$

$$\Rightarrow 150 + L = 25 \times 22 = 550 \text{ m}$$

$$\Rightarrow L = 550 - 150 = 400 \text{ m}$$

∴ The length of the bridge is 400 m

D.16-20) The following graph shows the number of cars sold by different brands in the year 2016 and 2017 (in thousands).



Q.16) What is the difference between number of cars sold by Audi and Toyota in 2017 together to number of cars sold by Tata and Suzuki in 2016 together?

- a) 2500 b) 5050 c) 4000
d) 4020 e) 3600

Ans: c

Exp:

$$\text{Number of cars sold by Audi in 2017} = 30 \times 1000 = 30000$$

$$\text{Number of cars sold by Toyota in 2017} = 56.2 \times 1000 = 56200$$

$$\text{Number of cars sold by Tata in 2016} = 40.2 \times 1000 = 40200$$

$$\text{Number of cars sold by Suzuki in 2016} = 50 \times 1000 = 50000$$

$$\therefore \text{Required difference} = (50000 + 40200) - (30000 + 56200) = 4000$$

Q.17) What is the total number of cars sold in 2017?

- a) 220500 b) 203900 c) 210100
d) 228900 e) 220000

Ans: b

Exp:

Number of cars sold by Mahindra in 2017 = 25×1000
= 25000

Number of cars sold by Tata in 2017 = 20.5×1000
= 20500

Number of cars sold by Toyota in 2017 = 56.2×1000
= 56200

Number of cars sold by Audi in 2017 = 30×1000
= 30000

Number of cars sold by Suzuki in 2017 = 72.2×1000
= 72200

Total number of cars sold in 2017 = $(25000 + 20500 + 56200 + 30000 + 72200) = 203900$

Q.18) What is the ratio between number of cars sold by Mahindra in 2017 and number of cars sold by Tata in 2017?

a) 31 : 20 b) 41 : 50 c) 20 : 31 d) 50 : 41 e) 48 : 47

Ans: d

Exp:

Number of cars sold by Mahindra in 2017 = 25×1000
= 25000

Number of cars sold by Tata in 2017 = 20.5×1000
= 20500

∴ Ratio between number of cars sold by Mahindra and Tata in 2017 = $25000 : 20500 = 50 : 41$

Q.19) What is the percentage (approx.) increase in the sales of Toyota from 2016 to 2017?

a) 58% b) 65% c) 34% d) 12% e) 64%

Ans: a

Exp:

Number of cars sold by Toyota in 2016 = 35.6×1000
= 35600

Number of cars sold by Toyota in 2017 = 56.2×1000
= 56200

∴ Increase in the sales = $56200 - 35600 = 20600$

∴ Required percentage $\Rightarrow (20600/35600) \times 100\% = 57.86 \approx 58\%$

Q.20) What is the average numbers of cars sold by Audi in 2016 and 2017 taken together?

a) 17500 b) 31200 c) 24700 d) 22900 e) 21000

Ans: d

Exp: Number of cars sold by Audi in 2016 = $15.8 \times 1000 = 15800$

Number of cars sold by Audi in 2017 = $30 \times 1000 = 30000$

Total number of cars sold by Audi in 2016 and 2017 = $(15800 + 30000) = 45800$

∴ Average number of cars sold by Audi in 2016 and 2017 = $45800/2 = 22900$

D.21-25) What approximate value should come in place of the question mark (?) in the following question?

Q.21) $81.25 \div 1.3 \div 2\frac{1}{2} \times 10^3 = 2.5 \times ?$

a) 9420 b) 9480 c) 10000 d) 9540 e) 11510

Ans: c

Exp:

$81.25 \div 1.3 \div 2\frac{1}{2} \times 10^3 = 2.5 \times ?$

$\Rightarrow 62.5 \times 2/5 \times 1000 = 2.5 \times ?$

$\Rightarrow 25000 = 2.5 \times ?$

$\Rightarrow ? = 10000$

Q.22) $62\% \text{ of } 168.23 + 32\% \text{ of } 734.5 = 52\% \text{ of } 645.89 + ?$

a) 4 b) 25 c) 43 d) 67 e) 89

Ans: a

Exp:

$62\% \text{ of } 168.23 + 32\% \text{ of } 734.5 = 52\% \text{ of } 645.89 + ?$

$\Rightarrow (168.23 \times 62/100) + (734.5 \times 32/100) = (645.89 \times 52/100) + ?$

$\Rightarrow 104 + 235 = 335 + ?$

$\Rightarrow ? = 4$

Q.23) $93 \div 10.33 + 82 \div 13.66 = ?$

a) 18 b) 17 c) 16 d) 15

e) 21

Ans: d

Exp:

$93 \div 10.33 + 82 \div 13.66$

$\Rightarrow 93 \div 10 + 82 \div 14$

$\Rightarrow 9 + 6 = 15$

Q.24) $272.03 \times 6.07 + 40.17\% \text{ of } 820 + ? = 2304.81$

a) 344 b) 375 c) 412 d) 317 e) 402

Ans: a

Exp: $272.03 \times 6.07 + 40.17\% \text{ of } 820 + ? = 2304.81$

$272 \times 6 + \frac{40}{100} \times 820 + ? = 2304$

$\Rightarrow 1632 + 328 + ? = 2304$

$\Rightarrow 1960 + ? = 2304$

∴ $? = 344$

Q.25) $(100.10 \div 24.89) \times 15.80 = 89.15 - ?$

a) 25 b) 34 c) 65 d) 20 e) 31

Ans: a

Exp:

Given expression is,

$$(100.10 \div 24.89) \times 15.80 = 89.15 - ?$$

We can write the given values as:

$$100.10 \approx 100 \text{ and } 24.89 \approx 25$$

$$15.80 \approx 16 \text{ and } 89.15 \approx 89$$

Then,

$$\Rightarrow (100 \div 25) \times 16 = 89 - ?$$

$$\Rightarrow 4 \times 16 = 89 - ?$$

$$\Rightarrow 64 = 89 - ?$$

$$\Rightarrow ? = 89 - 64$$

$$\Rightarrow ? \approx 25$$

D.26-30) The given chart shows the quantity of rice and sugar (in kg) sold by five different shops (P, Q, R, S, T).

	P	Q	R	S	T
Rice sold	560	740	650	780	450
Sugar sold	430	800	570	660	840

Q.26) What is the ratio of the quantity of sugar sold by shop P and shop S together to the quantity of sugar sold by shop Q and T together?

- a) 109 : 164 b) 164 : 109 c) 165 : 109
d) 109 : 165 e) None of these

Ans: a

Exp:

$$\text{Quantity of Sugar sold by shop P and shop S} = 430 + 660 = 1090$$

$$\text{Quantity of Sugar sold by shop Q and shop T} = 800 + 840 = 1640$$

$\therefore$ The ratio of the quantity of Sugar sold by shop P and shop S together to the quantity of Sugar sold by shop Q and T together = $1090 : 1640 = 109 : 164$.

Q.27) If the sale of rice in shop Q is increased by 30% and the sale of sugar is decreased by 10% of the shop Q, then find the average quantity of rice and sugar sold by shop Q.

- a) 835 b) 841 c) 845 d) 849 e) 854

Ans: b

Exp: Quantity of rice sold by shop Q = 740

Quantity of sugar sold by shop Q = 800

$$\text{New quantity of rice sold by shop Q} = 740 \times 130/100 = 962$$

$$\text{New quantity of sugar sold by shop Q} = 800 \times 90/100 = 720$$

$\therefore$ The average quantity of Rice and Sugar sold by shop Q = $(962 + 720)/2 = 841$.

Q.28) The quantity of rice and sugar sold by shop P is what percentage of the quantity of rice and sugar sold by shop S.

- a) 55.75 b) 58.75% c) 65.75%
d) 68.75% e) None of these

Ans: d

Exp:

$$\text{The quantity rice and sugar sold by shop P} = 560 + 430 = 990$$

$$\text{The quantity rice and sugar sold by shop S} = 780 + 660 = 1440$$

$$\therefore \text{ Required percentage} = 990 \times 100/1440 = 68.75\%$$

Q.29) What is the average quantity of sugar sold by shops P, Q and R together.

- a) 530 b) 570 c) 600 d) 630 e) 670

Ans: c

Exp:

$$\text{Quantity of sugar sold by shop P} = 430 \text{ kgs}$$

$$\text{Quantity of sugar sold by shop Q} = 800 \text{ kgs}$$

$$\text{Quantity of sugar sold by shop R} = 570 \text{ kgs}$$

$$\text{The average quantity of sugar sold by shop P, Q and R} = (430 + 800 + 570)/3 = 600 \text{ kgs.}$$

Q.30) The price of 1 kg of rice is Rs. 24 and of 1 kg of Sugar is Rs. 6 in shop R. Find the difference between the revenues generated by shop R by the sale of rice and of sugar.

- a) Rs. 12080 b) Rs. 12180 c) Rs. 12280
d) Rs. 12380 e) Rs. 12480

Ans: b

Exp:

$$\text{Revenue generated from the Rice} = 650 \times 24 = 15600$$

$$\text{Revenue generated from the Sugar} = 570 \times 6 = 3420$$

$$\text{Difference between the revenue generated by shop R by the sale of Rice and of Sugar} = 15600 - 3420$$

$$\Rightarrow \text{Rs. 12180}$$

వార్తల్లోని వ్యక్తులు

'ప్రాఫెట్ సాంగ్' పుస్తకానికి బుకర్ ప్రైజ్

◆ ఐర్లాండ్ రచయిత పాల్ లించ్ రాసిన 'ప్రాఫెట్ సాంగ్' పుస్తకానికి ప్రతిష్టాత్మక బుకర్ ప్రైజ్-2023 లభించింది. లండన్కు చెందిన భారత సంతతి రచయిత చేతన మారూ రాసిన తొలి నవల 'వెస్ట్రన్ లేన్' సైతం ఈ బహుమతి కోసం పోటీ పడగా, ప్రాఫెట్ సాంగ్ విజేతగా నిలిచింది. తాజాగా లండన్లో బహుమతి ప్రదానోత్సవం జరిగింది. 46 ఏళ్ల పాల్ లించ్ బుకర్ ప్రైజ్ అందుకున్నారు. ఈ బహుమతి కింద ఆయనకు రూ.52,64,932 నగదు లభించింది. దిగజారుతున్న ప్రజాస్వామ్య విలువలు, పెరిగిపోతున్న నిరంశకుత్వం, ప్రబలుతున్న అశాంతి, వలసల సంక్షోభం.. వంటి వరిస్థితుల్లో ఐర్లాండ్లో తన కుటుంబాన్ని రక్షించుకోవడానికి ఓ మహిళ చేసిన పోరాటాన్ని 'ప్రాఫెట్ సాంగ్' నవలలో పాల్ లించ్ హృద్యంగా చిత్రీకరించారు. కెన్యాలో జన్మించి లండన్లో స్థిరపడిన భారత సంతతి రచయిత చేతన మారూ రాసిన 'వెస్ట్రన్ లేన్' నవల టాప్-6లో నిలిచింది.

భారతీయుడికి పాక్ అత్యున్నత పౌర పురస్కారం

◆ ముంబయి కేంద్రంగా పని చేసే దావాదీ బొహ్రా ఇస్లామిక్ సంస్థ అధిపతి సైద్దా ముఫద్దాల్ సైపుద్దీన్కు పాకిస్థాన్ అత్యున్నత పౌర పురస్కారమైన నిషాన్-ఇ-పాకిస్థాన్ లభించింది. పాకిస్థాన్ అధ్యక్షుడు అరిఫ్ అల్వీ 23-11-2023న ఈ పురస్కారాన్ని ప్రకటించారు. ఈ పురస్కారం అందుకోనున్న నాలుగో భారతీయుడు సైపుద్దీన్. 40 దేశాల్లో విస్తరించి ఉన్న దావాదీ బొహ్రా ఇస్లామిక్ సమాజానికి సైపుద్దీన్ అధ్యక్షుడిగా ఉన్నారు.

అమెరికా దౌత్యవేత్త హెన్రీ కిసింజర్ మృతి

◆ ప్రచ్ఛన్న యుద్ధం సమయంలో అమెరికా విదేశాంగ విధానాన్ని తీర్చిదిద్దడంలో కీలకపాత్ర పోషించిన ప్రముఖ దౌత్యవేత్త హెన్రీ కిసింజర్(100) 30-11-2023న కన్జెక్టికట్లోని తన స్వగృహంలో కన్నుమూశారు. నోబెల్ శాంతి

బహుమతి గ్రహీత అయిన ఆయన అధ్యక్షులు రిచర్డ్ నిక్సన్, జెరాల్డ్ ఫోర్డ్ హయాంలో రెండు పర్యాయాలు అమెరికా విదేశాంగ మంత్రిగా కీలక బాధ్యతలు నిర్వహించారు. 70వ దశకంలో ముఖ్యంగా నిక్సన్ అధ్యక్షుడిగా ఉన్న సమయంలో భద్రతా సలహాదారుడిగా, విదేశాంగమంత్రిగా వియత్నాం యుద్ధంతో పాటు ప్రపంచ వ్యాప్తంగా నెలకొన్న రాజకీయ సంక్షోభాల్లో కిసింజర్ ముఖ్య పాత్ర పోషించారు. అదే సమయంలో లక్షలాది పౌరుల మరణాలకు కారణమయ్యారన్న విమర్శలూ ఎదుర్కొన్నారు. కిసింజర్ సలహాపై అమెరికా అధ్యక్షుడు నిక్సన్ కంబోడియాపై జరిపిన రహస్య బాంబింగ్లో వేలాది మంది ప్రాణాలు కోల్పోయారు.

బీబీసీ చైర్మన్ గా సమీర్ షా

◆ బ్రిటిష్ బ్రాడ్కాస్టింగ్ కార్పొరేషన్ (బీబీసీ) చైర్మన్ పదవికి భారత్లో జన్మించిన డాక్టర్ సమీర్ షా (71)ను ప్రభుత్వం ఎంపిక చేసింది. జర్నలిజం, టీవీ కార్యక్రమాల నిర్మాణంలో 40 ఏళ్ల అనుభవం ఉన్న డాక్టర్ షా స్వతంత్ర టీవీ, రేడియో కార్యక్రమాల సంస్థ జూనిపర్ సీఈవో కూడా. ఇంతకుముందు బీబీసీలో వివిధ హోదాల్లో ఈయన పనిచేశారు. బీబీసీ రాజకీయంగా స్వతంత్ర సంస్థ అయినా, దాని చైర్మన్ ను ప్రభుత్వమే నిర్ణయిస్తుంది. సమీర్ షా వంటి పాత్రికేయుడిని ఈ పదవిలో నియమించడం ఇదే ప్రథమం. మహారాష్ట్రలోని ఛత్రపతి శంభాజీనగర్ (ఔరంగాబాద్)లో 1952లో సమీర్ షా జన్మించారు. తల్లి ఉమ ఆయన్ను తీసుకొని 1960లో లండన్ వెళ్లి స్థిరపడ్డారు. షా కుటుంబం బాలీవుడ్ సినిమాలు నిర్మించేది.

సఫీనాకు వైజ్ ప్రైజ్

◆ చదువును మధ్యలోనే వదిలేసిన దాదాపు 14 లక్షల మంది భారత బాలికలు తిరిగి పాఠశాలలకు వెళ్లేలా చేసిన 'ఎడ్యుకేట్ గర్ల్స్' వ్యవస్థాపకురాలు సఫీనా హుస్సేన్ కు ప్రతిష్టాత్మక వరల్డ్ ఇన్నోవేషన్ సమ్మిట్ ఫర్ ఎడ్యుకేషన్ (డబ్ల్యుఐఎస్ఈ-వైజ్) అవార్డు దక్కింది. ఈ అవార్డును గెలుచుకొన్న తొలి భారత మహిళగా ఆమె రికార్డు సృష్టించారు. అవార్డు కింద ఆమెకు రూ.4 కోట్లు దక్కునున్నాయి.

ఖతార్ ఫౌండేషన్ ఆధ్వర్యంలో దోహాలో జరిగే డబ్ల్యుఐఎస్ఈ 11వ సమావేశంలో ఆమెకు ఈ అవార్డును అందజేశారు. 'బేటీ బచావో బేటీ పడావో' అన్న మాటే వినపడని సమయంలో 16 ఏండ్ల క్రితం ఎస్టీవోను స్థాపించి బాలికలకు చదువు చెప్పి వారిని ప్రధాన విద్యాప్రవంతిలోకి తీసుకురావాలని నిర్ణయించుకున్నా. మనం 21వ శతాబ్దంలోకి అడుగుపెట్టినా చాలా గ్రామీణ ప్రాంతాల్లో మేకలు తమ ఆస్తి, ఆడపిల్లలు అప్పులుగా కొందరు తల్లిదుండ్రులు భావిస్తున్నారు' అని ఆమె ఆవేదన వ్యక్తం చేశారు. బాలికలు విద్యకు దూరం కావడానికి పేదరికం నుంచి పితృస్వామ్యం వరకు అనేక కారణాలున్నాయన్నారు. తొలుత తాను ఈ సంస్థను రాజస్థాన్ గ్రామీణ ప్రాంతంలో ఏర్పాటు చేసినప్పుడు అనేక ఇబ్బందులు ఎదురయ్యాయని, వాటన్నింటినీ అధిగమించి ఇప్పుడు దానిని మధ్య ప్రదేశ్, బీహార్, యూపీ రాష్ట్రాలకు కూడా విస్తరించినట్లు సఫీనా తెలిపారు.

ఫోర్ట్ బాబితాలో నిర్మల సీతారామన్

◆ ప్రపంచంలోని అత్యంత శక్తిమంతమైన 100 మంది మహిళల జాబితాలో కేంద్ర ఆర్థిక మంత్రి నిర్మలా సీతారామన్ వరుసగా ఐదోసారి చోటు దక్కించుకున్నారు. ప్రముఖ వ్యాపార పత్రిక 'ఫోర్బ్స్' తాజాగా విడుదల చేసిన 2023 జాబితాలో నలుగురు భారతీయులకు చోటు లభించింది. వీరిలో భారత్ నుంచి నిర్మలా సీతారామన్ అగ్రస్థానాన్ని (32వ స్థానం) క్రైవసం చేసుకోగా హెచ్సీఎల్ టెక్నాలజీస్ సంస్థ చైర్మన్ రోషీ నాదార్ మల్హోత్రా (60వ స్థానం), స్టీల్ అథారిటీ ఆఫ్ ఇండియా లిమిటెడ్ చైర్మన్ సోమా మోండల్ (70వ స్థానం), బయోకాన్ లిమిటెడ్ కంపెనీ వ్యవస్థాపకురాలు కిరణ్ మజుందార్ షా (76వ స్థానం) తర్వాతి స్థానాల్లో నిలిచారు. రోషీ నాదార్ అత్యంత సంపన్నురాలైన మహిళగా, మహాదాతగా గుర్తింపు పొందారు. సెయిల్ తొలి మహిళా చైర్మన్గా మోండల్ చరిత్ర సృష్టించారు. సంపన్న వ్యాపారవేత్తల్లో కిరణ్ మజుందార్ షా ఒకరు.

లియాండర్ పేస్కు హాల్ ఆఫ్ ఫ్రేమ్ లో స్థానం

◆ భారత టెన్నిస్ దిగ్గజం, డబుల్స్ మాజీ నంబరవన్ లియాండర్ పేస్ అరుదైన ఘనత సొంతం చేసుకున్నాడు. అంతర్జాతీయ టెన్నిస్ హాల్ ఆఫ్ ఫ్రేమ్ లో చోటు దక్కించుకున్నాడు. ప్రసారదారు, ప్రమోటర్ విజయ్ అమృత్ రాజ్ కూడా ఈ జాబితాలో చేరాడు. ఆసియా నుంచి ఈ ఘనత - సాధించిన తొలి ఇద్దరు పురుషులు వీళ్లే కావడం విశేషం. 13-12-2023న

అధికారికంగా జరిగే కార్యక్రమంలో వీరిని హాల్ ఆఫ్ ఫేమ్ జాబితాలో చేరుస్తారు. ఇప్పటివరకూ 27 దేశాల నుంచి 264 మంది ఇందులో ఉన్నారు. ఇందులో చోటు దక్కించుకున్న 28వ దేశంగా భారత్ నిలిచింది. మూడు దశాబ్దాల కెరీర్ లో పేస్ పురుషుల డబుల్స్ లో 8, మిక్స్డ్ డబుల్స్ 10 టైటిళ్లు సాధించాడు. వరుసగా ఏడు ఒలింపిక్స్ ఆడాడు. టెన్నిస్ లో ఒలింపిక్ పతకం (1996లో సింగిల్స్ కాంస్యం) సాధించిన ఏకైక భారత ఆటగాడు అతనే.

24 మందికి సాహిత్య అకాడమీ పురస్కారాలు

◆ ఆంగ్ల రచయిత్రి నీలం సరణ్ గౌర్, హిందీ నవలా రచయిత సంజీవ్ నహా 25 మంది రచయితలు 2023 సంవత్సరానికి సాహిత్య అకాడమీ అవార్డులు అందుకున్నారు. మాధవ్ కౌశిక్ అధ్యక్షతన ఢిల్లీలో భేటీ అయిన అకాడమీ ఎగ్జిక్యూటివ్ బోర్డు 24 భారతీయ భాషలకుగాను జ్యూరీ సభ్యులు సూచించిన పేర్లకు ఆమోదం తెలిపిందని సాహిత్య అకాడమీ ఒక ప్రకటనలో పేర్కొంది. తొమ్మిది కవితా సంపుటాలు, ఆరు నవలలు, ఐదు చిన్న కథల సంపుటాలు, మూడు వ్యాసాలు, ఒక సాహిత్య అధ్యయనానికి ఈ అవార్డులు దక్కాయి. ముర్షే పెహ్చానో నవలకుగాను సంజీవ్ కు, రెకియమ్ ఇన్ రాగా జానకి పుస్తకానికిగాను నీలం సరణ్ గౌరుకు అవార్డు దక్కింది. టి. పతంజలి శాస్త్రి (తెలుగు), విజయ్ వర్మ (ఢోగ్రి), వినోద్ జోషి (గుజరాతీ), బన్సూర్ బనిహారి (కశ్మీర్), అరుణ్ రంజన్ మిశ్రా (సంస్కృతం) తదితరులు అవార్డులు పొందిన వారిలో ఉన్నారు.

ప్రఖ్యాత కవి ఇమ్రోజ్ కన్నుమూత

◆ ఇమ్రోజ్ అందరికీ సుపరిచితుడైన ప్రముఖ కవి, కళాకారుడు ఇందర్ జీత్ (97) 22-12-2023న ముంబైలో కన్నుమూశారు. వయో సంబంధ రుగ్మతలతో బాధపడుతున్న ఆయన ఆస్పత్రిలో చికిత్స పొందుతూ మృతి చెందినట్లు కుటుంబసభ్యులు చెప్పారు. ఇమ్రోజ్, రచయిత్రి అమృతా ప్రీతమ్ మధ్య నాలుగు దశాబ్దాల బంధం ఉంది. ముంబైలోని కాండివిలిలో ఆయన అంత్యక్రియలు పూర్తి చేసినట్లు అమృతా ప్రీతమ్ కోడలు అల్కా క్వాట్రా చెప్పారు. ఇమ్రోజ్ చితికి ప్రీతమ్ మనవరాలు నివ్వంటించారు. 1926లో పంజాబ్ లోని ల్యాల్ పూర్ లో ఇమ్రోజ్ జన్మించారు. పంజాబీలో రచయిత్రిగా మంచి పేరున్న అమృతా ప్రీతమ్ 1950ల నుంచి ఆయన అనుబంధం కొనసాగింది. దాదాపు 40 ఏళ్లపాటు

కలిసే ఉన్నారు. 2005లో అమ్మతా ప్రీతమ్ చనిపోయారు. ప్రీతమ్ అనారోగ్యం బారిన పడినప్పటి నుంచి ఇమోజ్ కవితలు రాయడం ప్రారంభించారు.

పాలస్తీనా శాంతిదూతలకు ఇందిరాగాంధీ పురస్కారం

◆ శాంతి, నిరాయుధీకరణ, అభివృద్ధి కోసం కృషి చేసేవారికి ప్రతి ఏడాది ప్రధానం చేసే ఇందిరా గాంధీ శాంతి బహుమతికి ఈ దఫా అర్జెంటీనా, పాలస్తీనాకు చెందిన ఇద్దరు అహింసావాదులు ఎంపికయ్యారు. పాలస్తీనా-ఇజ్రాయేల్ ఘర్షణను శాంతియుతంగా, చర్చలు, సంప్రదింపుల ద్వారా పరిష్కరించేందుకు అవిశ్రాంతంగా శ్రమిస్తున్న డేనియల్ బారెన్బో యమ్, అలీ అబూ అవాద్ సంయుక్తంగా ఈ పురస్కారం అందుకున్నారు. మాజీ సీజేఐ జస్టిస్ టీఎస్ రాగూర్ నేతృత్వంలోని ఎంపిక కమిటీ 14-12-2023న ఈ విషయాన్ని ఢిల్లీలో వెల్లడించింది. జన్మతహా అర్జెంటీనా జాతీయుడైన డేనియల్ బారెన్బో యమ్ సుప్రసిద్ధ పియానో సంగీత వాయిద్యకారుడు. పశ్చిమాసియాలో ఘర్షణల నివారణకు కృషి చేస్తున్నారు. ఆలీ అబూ అవాద్ పాలస్తీనా శాంతి కార్యకర్త. 1972లో జన్మించిన అలీ అవాద్ గాంధేయవాదిగా గుర్తింపు పొందారు. రూట్స్ అనే కార్యక్రమం ద్వారా 2014 నుంచి పాలస్తీనియన్లు, ఇజ్రాయేలీలకు అహింస, పరస్పర అవగాహన, పరివర్తనల పై అవగాహన కల్పిస్తున్నారు.

టైమ్ 'పర్సన్ ఆఫ్ ద ఇయర్'గా టేలర్ స్విఫ్ట్

◆ అమెరికాకు చెందిన ప్రముఖ నటి, గాయని, రచయిత్రి టేలర్ స్విఫ్ట్ 2023 ఏడాదికి టైమ్ మ్యాగ్ జైన్ 'పర్సన్ ఆఫ్ ద ఇయర్'గా ఎంపికయ్యారు. ప్రపంచంలోని ప్రముఖులు పోటీపడినప్పటికీ చివరకు ఆమె విజేతగా నిలిచారు. పైనల్కు ఎన్నికైన బార్బీ, కింగ్ ఛార్లెస్-3, ఓపెన్ ఏఐ చీఫ్ ఎగ్జిక్యూటివ్ సామ్ ఆల్ట్మాన్ తదితర తొమ్మిది మంది నుంచి టేలర్ స్విఫ్ట్ను విజేతగా ఎంపిక చేసినట్టు టైమ్ ప్రకటించింది. 'ఆమెపై ఆదరణ దశాబ్దాల నుంచి ప్రపంచవ్యాప్తంగా పెరుగుతున్నది' అంటూ ఆమె ఎన్నిక సందర్భంగా టైమ్ వ్యాఖ్యానించింది. స్టీమింగ్ ప్లాట్ ఫామ్లలో అత్యధికంగా ప్రాతినిధ్యం వహించిన కళాకారిణి అని స్వాటిపై ప్రకటించిన వారం తర్వాత టైమ్ మ్యాగ్ జైన్ టేలర్ స్విఫ్ట్ను పర్సన్ ఆఫ్ ద ఇయర్గా ప్రకటించడం విశేషం.

సైన్స్

ఎన్జీఆర్ఐ సైంటిస్టుకు ఐజీయూ తల్వాసీ అవార్డు

◆ నేషనల్ జియోఫిజికల్ రిసెర్చ్ ఇన్స్టిట్యూట్ (ఎన్జీఆర్ఐ) సీనియర్ ప్రిన్సిపల్ సైంటిస్ట్ డాక్టర్ లబానీ రే 'ఐజీయూ-అనీ తల్వాసీ' స్మారక పురస్కారం అందుకొన్నారు. భూ అంతర్నిర్మాణం, జియోథర్మల్ మాడలింగ్ రంగంలో ఆమె చేసిన పరిశోధనలకు ఈ అవార్డు వరించింది. ఇండియన్ స్కూల్ ఆఫ్ మైన్స్ అండ్ ఆప్లయిడ్ జియోఫిజిక్స్లో ఆమె ఎమ్మెసీ పూర్తిచేశారు. ఉస్మానియా వర్సిటీ నుంచి డాక్టరేట్ పొందారు. అనంతరం ఎన్జీఆర్ఐలో సీనియర్ సైంటిస్టుగా పలు పరిశోధనలకు ప్రాతినిధ్యం వహిస్తున్నారు. అధిక ఉష్ణోగ్రతల వద్ద శిలల ఉష్ణ వాహకతను కొలవడానికి ఆమె ఎన్జీఆర్ ఐలో ప్రత్యేక ల్యాబోరేటరీని ఏర్పాటు చేశారు. వెస్ట్రన్ హిమాలయాల్లో జలవిద్యుత్తు ప్రాజెక్టులలో ఇంజనీరింగ్ వ్యూహాల అభివృద్ధికి నేషనల్ థర్మల్ పవర్ కార్పొరేషన్ లిమిటెడ్కు అవసరమైన సాంకేతిక, పరిశోధన సమాచారం అందించారు. అణు వ్యర్థ నిక్షేప స్థలాల అభివృద్ధికి బాబా అటామిక్ రిసెర్చ్ సెంటర్తో కలిసి పరిశోధన చేశారు. ఓఎన్జీసీ-ఏఈజీ ఉత్తమ పీహెచ్డీ థీసెస్ పురస్కారం, బాయ్స్కాప్ ఫెలోషిప్ను కూడా డాక్టర్ లబానీ అందుకొన్నారు.

జీమెయిల్లో స్పామ్ను గుర్తించే ఏఐ వ్యవస్థ

◆ జీమెయిల్లో స్పామ్ను గుర్తించే విధంగా ఏఐ (కృత్రిమ మేధస్సు) ఆధారిత రక్షణ వ్యవస్థను గూగుల్ అభివృద్ధి చేసింది. ప్రత్యేకమైన అక్షరాలు, ఎమోజీలు, టైపోస్, ఇతర అక్షరాలతో, టెక్స్ రూపంలోని రకరకాల ఈమెయిల్స్ను, స్పామ్ను ఇప్పుడున్న రక్షణ వ్యవస్థ అడ్డు కోలేదు. ఈ నేపథ్యంలో దీనిని అప్గ్రేడ్ చేస్తూ 'ఆర్ఈటీవీఈసీ' అనే ఏఐ ఆధారిత మోడల్ను గూగుల్ అభివృద్ధి చేసింది. స్పామ్ మెయిల్స్ను వర్గీకరించే విధంగా 'ఆర్ఈటీవీఈసీ' రక్షణ వ్యవస్థను తీసుకొస్తున్నది. జీమెయిల్, యూట్యూబ్, గూగుల్ ప్లేలో హానికరమైన కంటెంట్, ఫిషింగ్

దాడులు, అనుచిత వ్యాఖ్యలు మొదలైన వాటిని గుర్తించేందుకు 'ఆర్ఈటీవీఈసీ' మరింత సమర్థంగా పనిచేస్తుందని కంపెనీ ఒక ప్రకటనలో పేర్కొన్నది.

భూ కక్కు బి.శగా ప్రొఫెషన్ మాడ్యుల్

◆ చంద్రయాన్-3 ప్రొఫెషన్ మాడ్యుల్(పీఎం)ను చంద్రుడి కక్కు నుంచి భూ కక్కు వైపు మరల్చినట్లు ఇస్రో వెల్లడించింది. చంద్రయాన్-3 మిషన్ ఉద్దేశాలను పూర్తిగా చేరుకున్నట్లు తెలిపింది. ల్యాండర్ మాడ్యుల్ను జియో స్టేషనరీ ట్రాన్స్ ఫర్ ఆర్బిట్ నుంచి తుది లూనార్ పోలార్ సర్క్యులర్ ఆర్బిట్ కు చేర్చి ల్యాండర్ ను వేరు చేయడం ప్రొఫెషన్ మాడ్యుల్ ముఖ్య ఉద్దేశమని చెప్పింది. అనంతరం ప్రొఫెషన్ మాడ్యుల్ చంద్రుడి కక్కులోనే తిరుగుతూ భూమికి సమాచారం చేరవేసింది. తాజాగా ఈ మాడ్యుల్ ను భూకక్కు వైపు మళ్లించారు. ఇందులోని షేప్ పేలోడ్ భూమిపై పరిశోధనలు నిర్వహించనుంది.

స్వల్ప దూర అగ్ని-1 ప్రయోగ పరీక్ష సక్సెస్

◆ స్వల్ప దూరాలను ఛేదించగల, ప్రయోగ దశలో ఉన్న బాలిస్టిక్ క్షిపణి అగ్ని-1ను విజయవంతంగా పరీక్షించినట్లు భారత రక్షణ శాఖ 07-12-2023న ప్రకటించింది. ఒడిశాలోని ఏపీజే అబ్దుల్ కలామ్ ద్వీపంలో ఈ పరీక్షకు వేదికైంది. 'అగ్ని-1 అద్భుతమైన సత్తా ఉన్న క్షిపణి వ్యవస్థ. ఇప్పుడు దీనిని స్వల్ప దూర లక్ష్యాలకు పరీక్షించి చూస్తున్నాం. 07-12-2023 నాటి ప్రయోగంలో ఇది అన్ని క్షేత్రస్థాయి, సాంకేతిక పరామితులను అందుకుంది. రాడార్, టెలిమెట్రీ, ఎలక్ట్రో-ఆప్టికల్ సిస్టమ్ వంటి అన్ని ట్రాకింగ్ వ్యవస్థల ద్వారా దీని పనితీరును పరిశీలించాం. రెండు నౌకల ద్వారా క్షిపణి ఖచ్చితత్వాన్ని పర్యవేక్షించాం. ఇది చక్కగా పనిచేస్తోంది' అని రక్షణ శాఖ ఉన్నతాధికారి ఒకరు మీడియాతో చెప్పారు. ఈ రకం క్షిపణిని చివరిసారిగా జూన్ ఒకటో తేదీన ఇదే వేదికపై విజయవంతంగా పరీక్షించారు.

2023 అత్యంత వేడి సంవత్సరం

◆ నెల రోజుల్లో ముగిసిపోనున్న 2023 ఏడాది చరిత్రలోనే అత్యంత వేడి సంవత్సరంగా రికార్డులకెక్కుతుందని ఐక్యరాజ్యసమితికి చెందిన ప్రపంచ వాతావరణ సంస్థ(డబ్ల్యుఎంఓ) 30-11-2023న నివేదించింది. నివేదిక తాలూకు వివరాలు నేచర్ జర్నల్లో ప్రచురితమయ్యాయి.

పారిశ్రామిక విప్లవం ముందునాటి కాలంతో పోలిస్తే ఈ ఏడాది 1.4 డిగ్రీ సెల్సియస్ ఉష్ణోగ్రత పెరిగిందని డబ్ల్యుఎంఓ ప్రధాన కార్యదర్శి పిటేరీ టాలస్ చెప్పారు. "ఈ ఏడాది తొలినాళ్లలో పసిఫిక్ మహాసముద్ర ఉపరితర జలాలు వేడెక్కి సంభవించిన 'ఎల్ నిన్' పరిస్థితి కారణంగా వచ్చే ఏడాది సగటు ఉష్ణోగ్రత 1.5 డిగ్రీ సెల్సియస్ ను దాటనుంది. మారిన వాతావరణ పరిస్థితుల కారణంగా వచ్చే నాలుగేళ్లు 1.5 డిగ్రీ సెల్సియస్ నమోదయ్యే వీలుంది. ఆ తర్వాత దశాబ్దంలో ఇది సర్వసాధారణ స్థితిగా నిలిచిపోయే ప్రమాదముంది" అని ఆయన ఆందోళన వ్యక్తం చేశారు.

ఇస్రోకు ఐసెలాండ్ 'అన్వేషణ' అవార్డు

◆ చంద్రుడిపై జీవం జాడ కోసం అన్వేషిస్తున్న ఇండియన్ స్పేస్ రీసెర్చ్ ఆర్గనైజేషన్ (ఇస్రో)కు ఐసెలాండ్ కు చెందిన సంస్థ నుంచి అవార్డ్ దక్కింది. చంద్రయాన్-3 మిషన్ ద్వారా చంద్రుడిపై సాఫ్ ల్యాండింగ్ ను విజయవంతంగా పూర్తి చేసినందుకుగాను 2023 ఏడాదికి లీఫ్ ఎరిక్ సన్ లూనార్ ప్రైజ్ ను ఇస్తున్నట్లు హుసావిక్ నగరంలోని ఎక్స్ ప్లోరేషన్ మ్యూజియం తెలిపింది. క్రిస్టోఫర్ కొలంబస్ కంటే 400 సంవత్సరాల ముందే అమెరికా గడ్డపై కాలుమోపిన తొలి యూరోపియన్ లీఫ్ ఎరిక్ సన్ కు గుర్తుగా ఈ అవార్డును ఎక్స్ ప్లోరేషన్ మ్యూజియం ఇస్తోంది. నూతన అన్వేషణలతో చేస్తున్న కృషికిగాను ఈ అవార్డును ప్రధానం చేస్తోంది. ఇస్రో తరపున భారత రాయబారి బి.శ్యామ్ ఈ అవార్డును అందుకున్నారు. అవార్డు ఇచ్చినందుకు ఇస్రో చైర్మన్ సోమనాథ్ ధన్యవాదాలు తెలిపారు.

అంతరిక్షంలో భారీ వాటర్ లిజర్వాయర్

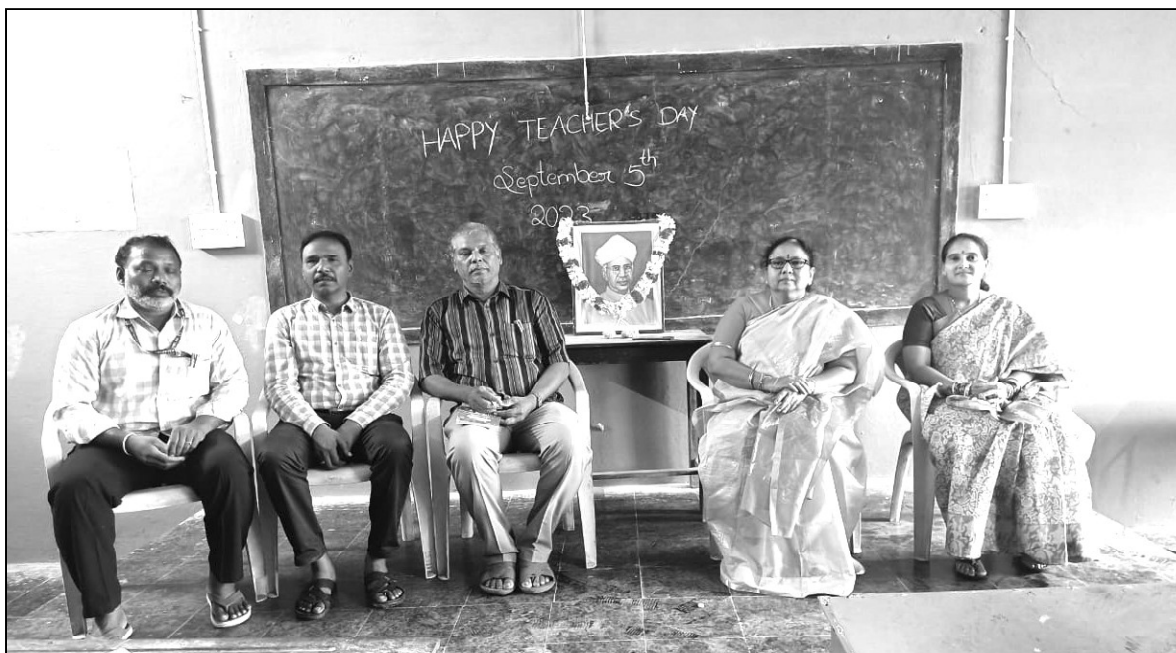
◆ అంతరిక్షంలో నీటిజాడ కోసం అన్వేషిస్తున్న ఖగోళ పరిశోధకులు ఓ ముందడుగు వేశారు. భూమిపై ఉన్న మహాసముద్రాలన్నింటి కంటే అతిభారీ వాటర్ లిజర్వాయర్ ను గుర్తించారు. ఇది అంతరిక్షంలో క్వసర్ అనే బ్లాక్ హోల్ చుట్టూ తేలియాడుతున్నట్లు కనుగొన్నారు. ఇది భూమిపై ఉన్న మహాసముద్రాల్లోని నీటికంటే 140 ట్రిలియన్ల రెట్లు ద్రవ్యరాశిని కలిగి ఉన్నట్లు తేల్చారు. ఈ వాటర్ లిజర్వాయర్ భూమి నుంచి 12 బిలియన్ల కాంతి సంవత్సరాల దూరంలో ఉన్నందున టెలిస్కోప్ తో చూడలేమని పేర్కొన్నారు. క్వసర్ బ్లాక్ హోల్ చుట్టూ ఉన్న భిన్నమైన వాతావరణమే ఈ నీటిసృష్టికి కారణమని తేల్చారు.



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



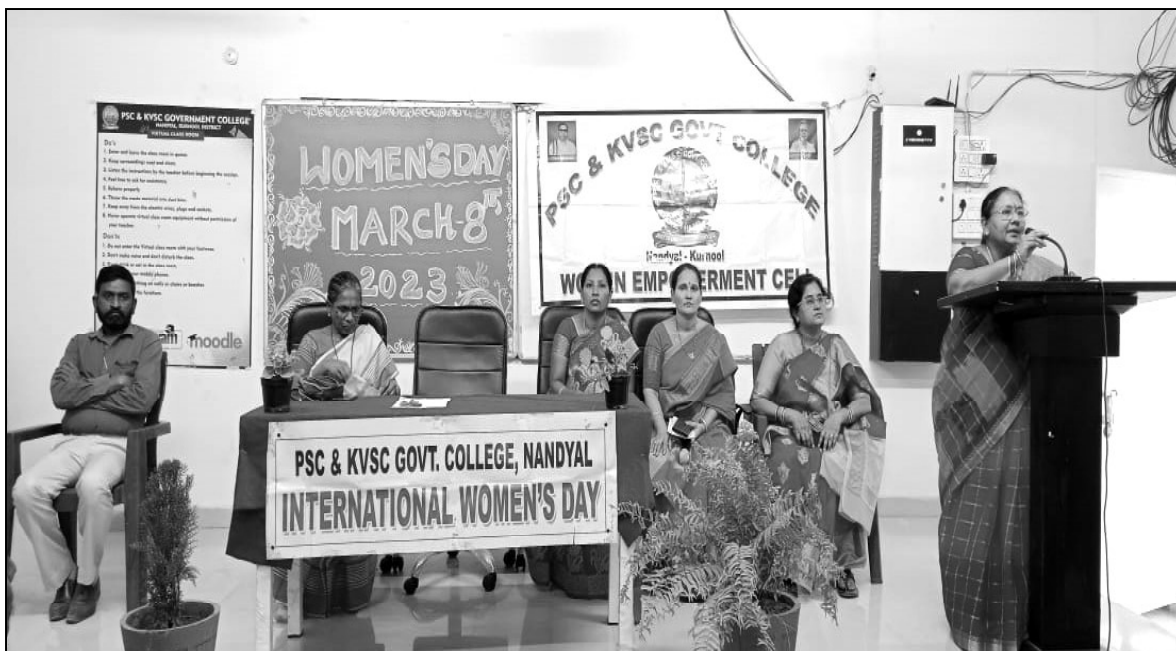
Dr. N. Shashikala, Principal & Staff participated on the occasion of Teachers Day Celebrations.



Yoga Day Conducted for the College Students.



Dr.N.Shashikala, Prinicipal 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 ".