All India Mock for SBI Clerk Mains 2022-23 (7th-8th January 2023)

Q1. Who is the author of the book "Winning the Inner Battle Bringing the best version of you to cricket"?
(a) VVS Laxman
(b) Shane Watson
(c) Sachin Tendulkar
(d) Shane Warne
(e) Chris Gayle

Q2. What was the venue of the Asian Squash Team Championships 2022?
(a) Tokyo, Japan
(b) Beijing, China
(c) Jakarta, Indonesia
(d) Bangkok, Thailand
(e) Cheongju, South Korea

Q3. Professor Kishor Kumar Basa has been appointed as the chairman of the National Monument Authority (NMA). In which year was the National Monument Authority (NMA) established?
(a) 2010
(b) 2008
(c) 2006
(d) 2007
(e) 2005

Q4. Who has been appointed as part-time Non-Official Director as well as Non-Executive Chairman of Punjab National Bank for a term of three years?
(a) Ramesh Kejriwal
(b) K G Ananthakrishnan
(c) Charan Singh
(d) Srinivasan Varadarajan
(e) Vijay Srirangam

Q5. What is the theme of World Sight Day observed on 13th October 2022?
(a) Hope In Sight
(b) Vision First
(c) Eye Care Everywhere
(d) Universal Eye Health
(e) Love Your Eyes

Q6. Times Higher Education Rankings 2023 has been announced. Which Indian Institute has secured the top place among Indian universities this year?
(a) IIT Madras
(b) IIT Bombay
(c) IISc Bengaluru
(d) IIT Roorkee
(e) IIT Delhi

Q7. In which city of Rajasthan has Adani Green Energy Ltd commissioned the world's largest wind-solar power plant of 600 MV capacity?
(a) Jaipur
(b) Jodhpur
(c) Udaipur
(d) Jaisalmer
(e) Dholpur

Q8. Which of the following is an international symbol of breast cancer awareness?
(a) Black Ribbon
(b) Pink Ribbon
(c) Red Ribbon
(d) White Ribbon
(e) Yellow Ribbon

Q9. Which country has emerged as the largest producer and consumer of sugar in the world and the second largest exporter with the production of over 5,000 lakh metric tons (LMT) of sugarcane?
(a) Brazil
(b) India
(c) Thailand
(d) China
(e) Mexico

Q10. The Agasthyamalai Elephant Reserve has become the 5th Elephant Reserve of which state?
(a) Andhra Pradesh
(b) Tamil Nadu
(c) Telangana
(d) Karnataka
(e) Kerala

Q11. In which year, banks were advised to introduce a facility of 'no frills' account with nil or low minimum balances which later turned into Basic Savings Bank Deposit Account in 2012?
(a) 2002
(b) 2004
(c) 2005
(d) 2006
(e) 2007

Q12. Under _____ market, funds are transacted on an overnight basis and under _____ market, funds are transacted for a period between 2 days and 14 days & under _____ Market, funds are transacted for a period between 15 days and 365 days.
(a) Call Money, Term Money, Notice Money
(b) Term Money, Call Money, Notice Money
(c) Notice Money, Call Money, Term Money
(d) Term Money, Notice Money, Call Money
(e) Call Money, Notice Money, Term Money

Q13. On which day is International Lefthanders Day observed to mark the uniqueness of left-handed people around the world?
(a) 10th August
(b) 11th August
(c) 12th August
(d) 13th August
(e) 14th August

Q14. The Abu Dhabi Investment Authority (ADIA) is set to invest _____ in Aditya Birla Health Insurance Company Limited (ABHICL) for a 9.99% stake value.
(a) Rs 555 Crore
(b) Rs 465 Crore
(c) Rs 665 Crore
(d) Rs 444 Crore
(e) Rs 765 Crore

Q15. Rakesh Jhunjhunwala recently died at the age of 62 in Mumbai, following a cardiac arrest. Rakesh Jhunjhunwala is associated with?
(a) Farming
(b) Stock Market
(c) Singing
(d) Scientist
(e) Medical

Q16. Startup India Seed Fund Scheme (SISFS) aims to provide financial assistance to startups for proof of concept, prototype development, product trials, market-entry, and commercialization. On which date, the SISFS scheme was launched?
(a) 19 April 2021
(b) 1 April 2020
(c) 19 April 2020
(d) 19 March 2020
(e) 19 April 2019

Q17. Out of the total expenditure estimated In the Union Budget 2022-23, revenue expenditure is estimated to be Rs _____ Crore with 0.9% increase.
(a) 31.94 Lakh Crore
(b) 35.94 Lakh Crore
(c) 40 Lakh Crore
(d) 33.33 Lakh Crore
(e) 30 Lakh Crore

Q18. Mark the correct statements regarding 36th Forbes World's Billionaires List 2022.
(A) Elon Musk is leading the Forbes billionaires list with a net worth of $239 billion, followed by Amazon chief Jeff Bezos at $171 billion.
(B) America has the greatest number of billionaires at 735 worth a collective net worth of $6.7 trillion, including Elon Musk, who tops the World's Billionaires list for the first time.
(C) China (including Macau and Hong Kong) remains number two, with 607 billionaires worth a collective $2.3 trillion.
(a) All A, B & C
(b) Both A & B
(c) Only B
(d) Only C
(e) Both A & C

Q19. NABARD has sanctioned Rs 221.99 crore to strengthen school infrastructure in rural schools in which state?
(a) Haryana
(b) Madhya Pradesh
(c) Uttar Pradesh
(d) Punjab
(e) Uttarakhand

Q20. BOE is a written order used primarily in international trade that binds one party to pay a fixed sum of money to another party on demand or at a predetermined date. What does 'E' stand for in BOE?
(a) Extra
(b) Exchange
(c) Expenses
(d) Expertise
(e) Example

Q21. The QS Best Student Cities Ranking 2023 provides students with independent data regarding a range of factors relevant to their study decisions. Which among the following is the correct arrangement of the top 3 cities according to the QS Best Student Cities Ranking 2023?
(a) London, Seoul, Zurich
(b) Munich, London, Zurich
(c) London, Seoul, Munich
(d) Melbourne, Zurich, London
(e) London, Munich, Seoul

Q22. Which of the following Indian athlete makes history by winning silver in the World Athletics Championships for the first time ever?
(a) Kamalpreet Kaur
(b) Neeraj Chopra
(c) Bajrang Punia
(d) Anshu Malik
(e) Rani Rampal

Q23. Which institute has launched the "NIRMAN" Accelerator Programme, supported by the department of science and technology, the government of India to focus on the manufacturing start-ups engaged in healthcare and agriculture domains?
(a) IIT Guwahati
(b) IIT Madras
(c) IIT Bombay
(d) IIT Kanpur
(e) IIT Kharagpur

Q24. Who has been elected by the World Bank as its chief economist and senior vice-president for development economics at the multilateral development bank?
(a) George D. Woods
(b) Auguste Tano
(c) Indermit Gill
(d) Uday Umesh Lalit
(e) S S Mundra

Q25. Which Company has become the first technology company to publicly express its interest in the government's direct allocation of spectrum for captive 5G networks?
(a) Tech Mahindra Limited
(b) HCL Technologies
(c) L&T Technology Services
(d) Deloitte Touche Tohmatsu Limited
(e) Redington India Ltd

Q26. Which of the following airports of the Airports Authority of India (AAI) is being built as India's first carbon-neutral airport?
(a) Chennai International Airport
(b) Rupsi Airport
(c) Lokpriya Gopinath Bordoloi Airport
(d) Gaya International Airport
(e) Leh Airport

Q27. _____ is a negotiable money market instrument and issued in dematerialized form or as a Usance Promissory Note against funds deposited at a bank or other eligible financial institution for a specified time period.
(a) Call Money
(b) Certificate of Deposit
(c) Commercial Paper
(d) Notice Money
(e) None of these

Q28. Which bank has launched the 'Gram Seva Program' across six states of India under the Corporate Social Responsibility of the bank on Gandhi Jayanti?
(a) Punjab National Bank
(b) State Bank of India
(c) Indian Bank
(d) Bank of India
(e) ICICI Bank

Q29. Where is the Sardar Vallabhbhai International Airport located?
(a) Ahmedabad, Gujarat
(b) Bengaluru, Karnataka
(c) Mumbai, Maharashtra
(d) Bhopal, Madhya Pradesh
(e) Lucknow, Uttar Pradesh

Q30. RBI said existing banks can open digital banking units to offer products and services in both self-served and assisted modes round-the-clock. Scheduled commercial banks having experience in digital banking are allowed to open DBUs in _____ without having the need to take permission from the RBI.
(a) Tier 1 to Tier 6 centres
(b) Tier 2 to Tier 6 centres
(c) Tier 3 to Tier 6 centres
(d) Tier 4 to Tier 6 centres
(e) Tier 5 to Tier 6 centres

Q31. Who is the author of the book "BEYOND THE MISTY VEIL" Temple Tales of Uttarakhand?
(a) Aradhana Dubey
(b) Aradhana Jain
(c) Aradhana Johri
(d) Aradhana Chauhan
(e) Aradhana Kashyap

Q32. The United Nations Development Programme has partnered with which Indian state for Data in Climate Resilient Agriculture (DiCRA) to strengthen food systems and food security by the use of Artificial Intelligence technology?
(a) Tamil Nadu
(b) Andhra Pradesh
(c) Telangana
(d) Kerala
(e) Karnataka

Q33. French Open is a Grand Slam tennis tournament played on outdoor clay courts. Who won the men's singles title at French Open 2022?
(a) Rafael Nadal
(b) Roger Federer
(c) Daniil Medvedev
(d) Novak Djokovic
(e) Dominic Theim

Q34. Which bank has established a cooperation with Mobisafar to provide banking services across India through all of Mobisafar's franchises and Business Correspondent network?
(a) Utkarsh Small Finance Bank
(b) Ujjivan Small Finance Bank
(c) Suryodaya Small Finance Bank
(d) Capital Small Finance Bank
(e) None of these

Q35. Members of the European Parliament have voted to ban the sale of new petrol and diesel cars by which year?
(a) 2028
(b) 2030
(c) 2032
(d) 2035
(e) 2037

Q36. Indian Army participates in a multinational exercise "Ex Khaan Quest 2022" where 16 other countries also took part. In which country did the exercise take place?
(a) Madagascar
(b) Maldives
(c) Myanmar
(d) Mongolia
(e) Malaysia

Q37. Which country topped the Environment Performance Index (EPI), an analysis by Yale and Columbia University researchers that gives a data-driven evaluation of the situation of sustainability around the world?
(a) Norway
(b) Sweden
(c) Denmark
(d) Netherland
(e) United States

Q38. Which state celebrated its formation day on 2nd June?
(a) Andhra Pradesh
(b) Tamil Nadu
(c) Telangana
(d) West Bengal
(e) Madhya Pradesh

Q39. Talcher Thermal Power station is one of the coal-based plants of National Thermal Power Corporation, located in Talcher sub-division of Angul district of which Indian state?
(a) Jharkhand
(b) Bihar
(c) Odisha
(d) Chhattisgarh
(e) West Bengal

Q40. The three days long 'Torgya' Festival was celebrated by the Monpa tribal community of which state?
(a) Assam
(b) Sikkim
(c) West Bengal
(d) Arunachal Pradesh
(e) Odisha

Q41. _____ is the government's actions with respect to aggregate levels of revenue and spending and implemented through the budget. It is the primary means by which the government can influence the economy.
(a) Monetary Policy
(b) Inflation
(c) Fiscal Policy
(d) Fiscal Deficit
(e) Revenue Deficit

Q42. In the capital market short-term securities are traded and It consists of two types which are the Primary market and Secondary market. Which among the following is not an instrument of Capital Market?
(a) Equity
(b) Debentures
(c) Cumulative Preference Shares
(d) Cumulative Convertible Preference Shares
(e) All are the instruments of capital market

Q43. Adelaide Oval stadium is in located in which country?
(a) England
(b) France
(c) Germany
(d) Australia
(e) UAE

Q44. Which among the following bank has recently become the first Public Sector Bank to go live with the new Direct Tax Collection System -Tax Information Network, TIN 2.0.?
(a) Indian Bank
(b) Bank of Maharashtra
(c) Andhra Bank
(d) Bank of India
(e) State Bank of India

Q45. As per the NSO data, the Labour force participation rate in CWS (Current Weekly Status) in urban areas for persons aged 15 years and above increased to _____ percent in the April-June quarter of 2022.
(a) 37.5
(b) 35.5
(c) 38.5
(d) 47.5
(e) 45.5

Q46. Which city hosted the first Homeopathy International Health summit to teach and promote a homeopathic system of medicine, medications, and practices?
(a) Bengaluru, India
(b) Geneva, Switzerland
(c) Dubai, UAE
(d) Tokyo, Japan
(e) Rome, Italy

Q47. The Biden Administration has approved a whopping USD 450 million F-16 fighter jet fleet sustainment programme to which country?
(a) Afghanistan
(b) Sri Lanka
(c) Pakistan
(d) Bangladesh
(e) Myanmar

Q48. Which couple has been appointed the brand ambassadors by Max Life Insurance?
(a) Virat Kohli and Anushka Sharma
(b) Rohit Sharma and Ritika Sajdeh
(c) Ranveer Singh and Deepika Padukone
(d) Shahrukh Khan and Gauri Khan
(e) Vickey Kaushal and Katrina Kaif

Q49. Which of the following is a product of the National Payment Corporation of India (NPCI)?
(a) National Common Mobility Card
(b) National Financial Switch
(c) Bharat Bill Payment System
(d) National Electronic Toll Collection
(e) All of the above

Q50. Global Terrorism Index is released by _____?
(a) World Bank
(b) World Economic Forum
(c) International Monetary Fund
(d) The Institute for Economics and Peace
(e) United Nations Educational, Scientific and Cultural Organisation

Directions (51-56): Read the passage carefully and answer the questions given below it.
By all accounts, the mortality impact of the COVID-19 pandemic has been exceptionally large. Crematoria, burial grounds, and, in some places, even riverbeds are full. Tragically, almost everyone has lost at least one person close to them. Given this reality, few people have much faith in official COVID-19 death counts. How many COVID-19 deaths are going uncounted? Could indirect effects of the pandemic, for example through economic distress and disruptions to health care, be contributing to a surge in mortality? These key questions, being asked for over a year, are even more **pertinent** now. In Gujarat, reports of overburdened crematoria and lengthy lists of obituaries indicate a severe crisis. Mortality figures from the civil registration system in Gujarat, reported recently by the Gujarati newspaper, Divya Bhaskar provide some insight into the scale of the mortality crisis. To provide some context, official COVID death-counts largely reflect deaths in hospitals, of patients with confirmed COVID-19, where COVID-19 is listed as a cause of death. Deaths where doctors do not write COVID-19 as a cause of death on the hospital death certificate are missed. Additionally, government "death audit committees" may choose to omit deaths of patients with confirmed COVID-19 from official tolls, citing co-morbidities as the main cause of death. Finally, deaths at home, whether of those who were tested or not, and whether test results were positive or not, are largely missed by the system.
In contrast, India's civil registration system is supposed to register all deaths — COVID or not, at home or in a hospital. Civil registration has been improving, and across India about 86% of all deaths were registered in 2018. In Gujarat, civil registration is considered to be complete by the Registrar General and Census Commissioner of India. Divya Bhaskar reported that during a 71-day period between March 1, 2021 and May 10, 2021, there were 1.23 lakh deaths registered in Gujarat. In the corresponding period in 2020, there were around 58,000 registered deaths. This suggests a large increase in mortality in 2021. However, 2020 was also a pandemic year, and the early days of the pandemic saw a very harsh lockdown. This likely prevented or delayed many deaths from being registered. Considering this, we compared registered deaths in Gujarat in 2021 to estimates of baseline mortality from previous years.
The Sample Registration System, a continuous demographic survey, provides estimates of crude death rates in Gujarat until 2018. For the period 2015-2018, mean crude death rates were 6.075 deaths per 1,000. Taking Gujarat's projected population in 2021, about 6.98 crore, we would expect about 82,500 deaths in a 71-day period. Using registered deaths between 2015-2018 for this _____. The 1.23 lakh registered deaths in Gujarat during March 1-May 10, 2021 were thus 50% higher than expected from baseline estimates. Moreover, the current COVID-19 wave may have caused delays in registration — the scale of the mortality surge could be even greater. Thus, in a little over two months, there were at least 40,000 "excess deaths" over and above what we expect from previous years' data. This is around 10 times Gujarat's official COVID-19 death count during this period of around 4,200 deaths. The increase in excess mortality mirrors the timing of the rise in recorded COVID-19 deaths, which rose sharply through most of April. This can be seen in the graph of annualised crude death rates.

But we cannot assume that all Gujarat's excess deaths are COVID-19 deaths. Some may reflect overwhelmed health-care facilities or worsening economic conditions. In fact, there is some evidence for possible indirect effects. The Divya Bhaskar report documents that 20% of the deaths that were registered were among people less than 25 years of age. This is an increase in both absolute and relative terms compared to 2018, when about 15% of deaths were below the age of 25. Because young people are less vulnerable to severe COVID-19, and because child mortality is especially sensitive to disruptions in health care, this suggests an increase in indirect mortality.

Q51. Which of the following statements uphold the miscalculation of devastation caused by pandemic?
(i) manipulations in the death reasons by some government officials
(ii) unmentioned deaths on the death certificate by doctors causes underestimation of death rate
(iii) Improper database management of the number of persons infected by Covid-19
(a) Only (i)
(b) Only (ii)
(c) Only (i) and (ii)
(d) Only (iii) and (ii)
(e) All (i),(ii) and (iii)

Q52. Which of the following is the reason for an increase in reported deaths this year?
(a) the healthcare system has collapsed which has made hospitals inaccessible for other patients
(b) because civil registration has started reporting all deaths irrespective of cause this year
(c) movements of people have increased due to ease in lockdown which has caused an increase in cases
(d) All of these
(e) None of these

Q53. Which of the following statement is true as per the information of death given in the passage?
(a) Registrar General and Census Commissioner are only responsible for the unreliable data on the death caused by pandemic
(b) Mortality rates from the civil registration system highlights the unreliability of official statements.
(c) it is not obligatory for the civil registration system to record all covid-19 deaths
(d) pandemic has caused less deaths during its breakout in the country as compared to this year
(e) None of these

Q54. According to the passage, how pandemic has caused many more unpropitious effects beyond direct effects?
(a) pandemic has unveiled the failure and inefficiency of government system and planning
(b) failure in following covid protocols has lead to the risks of lives of several frontline workers
(c) Only health industry has suffered huge losses due to strict lockdown in the country
(d) there is a huge loss in economic activity and fall down in healthcare system because of pandemic
(e) None of these

Q55. Select the word which is a synonym of the word 'pertinent' which is in bold in the passage?
(a) relevant
(b) reluctant
(c) drowsy
(d) nimble
(e) None of these

Q56. Which of the following given phrases will be fill in the blank given in the passage?
(a) quarter show the great degree of
(b) reallocate the resources in states
(c) makes it favorable by putting efforts
(d) breaking all the records of pandemic
(e) calculation reveals a similar estimate

Directions (57-63): In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five pair of options are given. Find out the appropriate pair of words which fits the blank appropriately without changing the meaning.

Q57. In conflict resolution diplomacy involving multiple stakeholders, sometimes the venue becomes as important as the _____ (57) of peace talks. The fragile Afghanistan peace process has been in _____ (58) as the Washington-desired conference to be hosted by the United Nations in Istanbul, Turkey — earlier scheduled for late April-early May — remains suspended due to the reluctance of Afghan's Taliban. Turkey had to announce the postponement of talks until the end of Ramzan. Now there is some hope of breaking the impasse as the Taliban has expressed an openness to attend the Istanbul summit with the rider that the final outcome will be achieved in Doha. Although it gives an impression of the Taliban _____ (59) Turkey, the real issue regarding Afghan peace, however, should be: 'what' is to be done, and not 'who' does it or 'how' it is done. The Istanbul conference is being calibrated by the Biden administration with its plan to completely _____ (60) from war-torn Afghanistan. Rejecting the Pentagon's preference for a conditions-based exit, United States President Joe Biden is insistent on withdrawing the troops on September 11, even without any power-sharing deal between the _____ (61) parties. With the rising level of violence, _____ (62) of negotiating peace in Afghanistan seem bleak. Since the announcement of an exit date, Afghanistan continues to witness deadly attacks across its_____ (63) . For instance, multiple blasts outside a girls school in Kabul recently was the worst terror attack in Afghanistan in a year.
(a) resolution, tactics
(b) mainstream, primary
(c) benign, oath
(d) agenda, objective
(e) acceptance, curious

Q58. In conflict resolution diplomacy involving multiple stakeholders, sometimes the venue becomes as important as the _____ (57) of peace talks. The fragile Afghanistan peace process has been in _____ (58) as the Washington-desired conference to be hosted by the United Nations in Istanbul, Turkey — earlier scheduled for late April-early May — remains suspended due to the reluctance of Afghan's Taliban. Turkey had to announce the postponement of talks until the end of Ramzan. Now there is some hope of breaking the impasse as the Taliban has expressed an openness to attend the Istanbul summit with the rider that the final outcome will be achieved in Doha. Although it gives an impression of the Taliban _____ (59) Turkey, the real issue regarding Afghan peace, however, should be: 'what' is to be done, and not 'who' does it or 'how' it is done. The Istanbul conference is being calibrated by the Biden administration with its plan to completely _____ (60) from war-torn Afghanistan. Rejecting the Pentagon's preference for a conditions-based exit, United States President Joe Biden is insistent on withdrawing the troops on September 11, even without any power-sharing deal between the _____ (61) parties. With the rising level of violence, _____ (62) of negotiating peace in Afghanistan seem bleak. Since the announcement of an exit date, Afghanistan continues to witness deadly attacks across its_____ (63) . For instance, multiple blasts outside a girls school in Kabul recently was the worst terror attack in Afghanistan in a year.
(a) cursory, chaos
(b) infiltrate, concerns
(c) disarray, limpid
(d) disturbance, lucid
(e) disarray, chaos

Q59. In conflict resolution diplomacy involving multiple stakeholders, sometimes the venue becomes as important as the _____ (57) of peace talks. The fragile Afghanistan peace process has been in _____ (58) as the Washington-desired conference to be hosted by the United Nations in Istanbul, Turkey — earlier scheduled for late April-early May — remains suspended due to the reluctance of Afghan's Taliban. Turkey had to announce the postponement of talks until the end of Ramzan. Now there is some hope of breaking the impasse as the Taliban has expressed an openness to attend the Istanbul summit with the rider that the final outcome will be achieved in Doha. Although it gives an impression of the Taliban _____ (59) Turkey, the real issue regarding Afghan peace, however, should be: 'what' is to be done, and not 'who' does it or 'how' it is done. The Istanbul conference is being calibrated by the Biden administration with its plan to completely _____ (60) from war-torn Afghanistan. Rejecting the Pentagon's preference for a conditions-based exit, United States President Joe Biden is insistent on withdrawing the troops on September 11, even without any power-sharing deal between the _____ (61) parties. With the rising level of violence, _____ (62) of negotiating peace in Afghanistan seem bleak. Since the announcement of an exit date, Afghanistan continues to witness deadly attacks across its_____ (63) . For instance, multiple blasts outside a girls school in Kabul recently was the worst terror attack in Afghanistan in a year.
(a) reallocating, snubbing
(b) snubbing, humiliating
(c) ensuing, snubbing
(d) insurgent, negotiate
(e) humiliating, appreciating

Q60. In conflict resolution diplomacy involving multiple stakeholders, sometimes the venue becomes as important as the _____ (57) of peace talks. The fragile Afghanistan peace process has been in _____ (58) as the Washington-desired conference to be hosted by the United Nations in Istanbul, Turkey — earlier scheduled for late April-early May — remains suspended due to the reluctance of Afghan's Taliban. Turkey had to announce the postponement of talks until the end of Ramzan. Now there is some hope of breaking the impasse as the Taliban has expressed an openness to attend the Istanbul summit with the rider that the final outcome will be achieved in Doha. Although it gives an impression of the Taliban _____ (59) Turkey, the real issue regarding Afghan peace, however, should be: 'what' is to be done, and not 'who' does it or 'how' it is done. The Istanbul conference is being calibrated by the Biden administration with its plan to completely _____ (60) from war-torn Afghanistan. Rejecting the Pentagon's preference for a conditions-based exit, United States President Joe Biden is insistent on withdrawing the troops on September 11, even without any power-sharing deal between the _____ (61) parties. With the rising level of violence, _____ (62) of negotiating peace in Afghanistan seem bleak. Since the announcement of an exit date, Afghanistan continues to witness deadly attacks across its_____ (63) . For instance, multiple blasts outside a girls school in Kabul recently was the worst terror attack in Afghanistan in a year.
(a) withdraw, retreat
(b) exile, degrade
(c) collaborate, unite
(d) retreat, exile
(e) rumor, dampen

Q61. In conflict resolution diplomacy involving multiple stakeholders, sometimes the venue becomes as important as the _____ (57) of peace talks. The fragile Afghanistan peace process has been in _____ (58) as the Washington-desired conference to be hosted by the United Nations in Istanbul, Turkey — earlier scheduled for late April-early May — remains suspended due to the reluctance of Afghan's Taliban. Turkey had to announce the postponement of talks until the end of Ramzan. Now there is some hope of breaking the impasse as the Taliban has expressed an openness to attend the Istanbul summit with the rider that the final outcome will be achieved in Doha. Although it gives an impression of the Taliban _____ (59) Turkey, the real issue regarding Afghan peace, however, should be: 'what' is to

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(a) conceived, warring
(b) adamant, liberal
(c) challenging, overwhelming
(d) warring, conflicting
(e) conceived, liberal

Q62. In conflict resolution diplomacy involving multiple stakeholders, sometimes the venue becomes as important as the _____ (57) of peace talks. The fragile Afghanistan peace process has been in _____ (58) as the Washington-desired conference to be hosted by the United Nations in Istanbul, Turkey — earlier scheduled for late April-early May — remains suspended due to the reluctance of Afghan's Taliban. Turkey had to announce the postponement of talks until the end of Ramzan. Now there is some hope of breaking the impasse as the Taliban has expressed an openness to attend the Istanbul summit with the rider that the final outcome will be achieved in Doha. Although it gives an impression of the Taliban _____ (59) Turkey, the real issue regarding Afghan peace, however, should be: 'what' is to be done, and not 'who' does it or 'how' it is done. The Istanbul conference is being calibrated by the Biden administration with its plan to completely _____ (60) from war-torn Afghanistan. Rejecting the Pentagon's preference for a conditions-based exit, United States President Joe Biden is insistent on withdrawing the troops on September 11, even without any power-sharing deal between the _____ (61) parties. With the rising level of violence, _____ (62) of negotiating peace in Afghanistan seem bleak. Since the announcement of an exit date, Afghanistan continues to witness deadly attacks across its_____ (63) . For instance, multiple blasts outside a girls school in Kabul recently was the worst terror attack in Afghanistan in a year.

(a) profuse, locus
(b) inclusive, rebelling
(c) prospects, possibility
(d) rebelling, imaginary
(e) robust, prospects

Q63. In conflict resolution diplomacy involving multiple stakeholders, sometimes the venue becomes as important as the _____ (57) of peace talks. The fragile Afghanistan peace process has been in _____ (58) as the Washington-desired conference to be hosted by the United Nations in Istanbul, Turkey — earlier scheduled for late April-early May — remains suspended due to the reluctance of Afghan's Taliban. Turkey had to announce the postponement of talks until the end of Ramzan. Now there is some hope of breaking the impasse as the Taliban has expressed an openness to attend the Istanbul summit with the rider that the final outcome will be achieved in Doha. Although it gives an impression of the Taliban _____ (59) Turkey, the real issue regarding Afghan peace, however, should be: 'what' is to be done, and not 'who' does it or 'how' it is done. The Istanbul conference is being calibrated by the Biden administration with its plan to completely _____ (60) from war-torn Afghanistan. Rejecting the Pentagon's preference for a conditions-based exit, United States President Joe Biden is insistent on withdrawing the troops on September 11, even without any power-sharing deal between the _____ (61) parties. With the rising level of violence, _____ (62) of negotiating peace in Afghanistan seem bleak. Since the announcement of an exit date, Afghanistan continues to witness deadly attacks across its_____ (63) . For instance, multiple blasts outside a girls school in Kabul recently was the worst terror attack in Afghanistan in a year.

(a) meagre, beacon
(b) provinces, territory
(c) territory, globally
(d) embezzlement, province
(e) beacon, rudimentary

Directions (64-70): Read the passage carefully and answer the questions given below it.

The decision of the President of the United States, Joe Biden, to support the India-South Africa proposal, seeking a waiver of patent protection for technologies needed to combat and contain COVID-19, comes as a **shot in the arm** for global health. The proposal that was placed before the World Trade Organisation (WTO) had been facing resistance from several high income countries including the U.S. administration. **A change in the American position supporting a temporary waiver could act as a catalyst for building consensus in favour of that proposal when it come up for fresh consideration at the WTO in June.** However, the path ahead is not clear. While France and Russia have declared support, Germany has voiced its opposition.

Response to the proposal was divided during earlier debates at the WTO. While many low and middle income countries supported it**, resistance** came from the U.S., the United Kingdom, the European Union, Switzerland, Australia and Japan. A strange addition to this group was Norway, which usually supports initiatives that promote global health equity. On this occasion, it chose to shield patent rights. Since the WTO operates on consensus rather than by voting, the proposal did not advance despite drawing support of over 60 countries.

Predictably, the pharmaceutical industry **fiercely** opposed it and vigorously lobbied many governments. Right-wing political groups in the high income countries sided with the industry. Microsoft co-founder and billionaire Bill Gates was strident in his opposition to patent waivers for vaccines, justifiably drawing ire from the public health community for a stance that was at great variance from his projected image as a messiah of global health. It appeared that patent rights would be doggedly defended even in the face of a devastating pandemic. Many **specious** reasons were offered for such a defence. It was argued that the capacity for producing vaccines of assured quality and safety was limited to some laboratories and that it would be hazardous to permit manufacturers in low and middle income countries to play with technologies they cannot handle. This smacks of hypocrisy when pharmaceutical manufacturers have no reservations about contracting industries in those countries to manufacture their patent-protected vaccines for the global market. The low labour costs in those countries are obviously so attractive that **confidence** in the quality and the safety of their products is high, so long as patents and profits are protected.

This amazing duplicity has been seen for years when multinational firms have subcontracted manufacture of patented products to industries with low production costs in developing countries. This has been true of pharmaceutical products, as it has been of branded consumer products and luxury goods. This fig leaf has to drop, at least in a pandemic. The counter to patent waiver is an offer to license manufacturers in developing countries, while retaining patent rights. This restricts the opportunity for production to a chosen few. The terms of those agreements are opaque and offer no assurance of equity in access to the products at affordable prices, either to the country of manufacture or to other developing countries.

Q64. What does the author mean by "the path ahead is not clear" in the first paragraph?
(a) waiver in patent protection is not the solution to combat an outbreak of new mutant of Covid-19
(b) developed countries are more concerned about the patent rights of their discovery of the Covid-19 vaccine
(c) although the US president is in favor of the waiver of patent protection of technologies, many countries are still against it
(d) countries with developed technologies are seeking compensation for sharing their developed technologies
(e) None of these

Q65. Which of the following is the reason for calling off the waiver of patent protection of technologies?
(a) breakout of Covid-19 last year had impacted international relations among countries which have cause international disagreement
(b) countries opposing the proposal of waiver exceeded the number of countries which were favoring
(c) there were many drawbacks of the proposal and each country was against it due to security reasons
(d) there was a lack of harmony among all the members of WTO
(e) None of these

Q66. Which of the following is the meaning of the given phrase 'shot in the arm' in the passage?
(a) the US trying to be supreme power during a pandemic by approving the given proposal
(b) the situation is worsening day by day and there is an increasing possibility of world war
(c) only a few countries will get the benefit from the proposal offered by India-South Africa.
(d) US support on the waiver of patent protection for technologies will help in prompting global health
(e) None of these

Q67. Which of the following reasons is provided by the industries for their repudiation of waiver?
(a) industries are not confident about the production of vaccines in developing countries as they are not capable enough to use the resources optimally
(b) industries were getting huge support from their governments and were unwilling to allocate technologies for free
(c) developing countries can misuse the vaccines to harm the resources of the country
(d) All of these
(e) None of these

Q68. Which of the following statements is/are incorrect with reference to the paragraph?
(i) labor cost is cheaper in developing countries
(ii)licensing is an alternative of giving waiver on patent protection of technologies
(iii)the population of US was supporting the India-South African proposal
(a) only (i) and (ii)
(b) only (ii) and (iii)
(c) only (iii)
(d) All (i), (ii) and (iii)

Q69. There is a highlighted sentence in the passage which may or may not have grammatical error. Mark the part of the sentence which has grammatical error?
(a) A change in the American position supporting
(b) a temporary waiver could act as a catalyst for
(c) building consensus in favour of that proposal
(d) when it come up for fresh consideration at the WTO in June
(e) No error

Q70. In the above passage, there are few words highlighted which may or may not be contextually and grammatically correct. If there is an incorrect word, find out which word it is?
(a) resistance
(b) fiercely
(c) specious
(d) confidence
(e) All are correct

Directions (71-75): In the following question there are two statements in each question. Each sentence has two highlighted words which may or may not be contextually and grammatically incorrect. Find the correct combination(s) of words which must be interchanged to make both the sentences grammatically and contextually correct.

Q71. (I) As State governments have begun **implementing (A)** weekend curfews and lockdown-like conditions amid the second wave of COVID, there is another issue that is **consequences (B)**
(II) The second wave of COVID-19 has shown us the **emerging (C)** of not preparing in **advance (D)**
(a) Only (A)-(C)
(b) Only (B)-(C)
(c) BOTH (A)-(D) and (B)-(C)
(d) Only (A)-(C)
(e) No correction required

Q72. (I) A change of guard in Puducherry, where governance and development took a backseat from mid-2016 due to continuing **fanned (A)** between the elected government and Raj Nivas, **ushers (B)** in hope for its people.
(II) Communal polarisation in the State **friction (C)** by the acrimonious debate on the Citizenship (Amendment) Act has been further **reinforced (D)** in the outcome.
(a) Both (A)-(D) and (B)-(C)
(b) Only (A)-(C)
(c) Only (A)-(D)
(d) only (B)-(D)
(e) No correction required

Q73. (I) The pandemic's second wave has spread far **potential (A)** the worst-hit cities, with almost half the new cases being **surging (B)** from rural districts
(II) India's sovereign rating will remain unchanged at the current level of BBB- for the next two years despite the **beyond (C)** adverse impact of the **reported (D)** pandemic on its economy
(a) Both (A)-(C) and (B)-(D)
(b) only (A)-(C)
(c) Only (A)-(D)
(d) only (B)-(D)
(e) No correction required

Q74. (I) IT markets are **provisions** (A) up to such a degree that both the U.S. and Europe are running out of critical skills, and with this, offshore and Indian **alternatives (B)** are increasingly becoming attractive for tech buyers
(II) India and South Africa had proposed a **waiver (C)** for all World Trade Organization (WTO) members on the implementation of certain **picking (D)** of the agreement in relation to the prevention, containment or treatment of COVID-19
(a) Both (A)-(D)
(b) only (A)-(C)
(c) Only (A)-(D)
(d) only (B)-(D) and (A)-(C)
(e) No correction required

Q75. (I) While Bengaluru's less-than-adequate public medical infrastructure is under severe stress with an **exponential (A)** rise in cases, an alleged scam in the South Zone has also raised questions on the **integrity (B)** of the bed allocation system in the city.
(II) The Constitution was **conceived (C)** by India's founding fathers as a beacon of fundamental rights, leading once **enslaved (D)** Indians to the promised land of life and freedom.
(a) only (B)-(D)
(b) only (A)-(D) and (B) - (C)
(c) Only (A)-(D)
(d) Both (A)-(C) and (B)-(D)
(e) No correction required

Directions (76-80): In the questions given below, few sentences are given which are grammatically correct and meaningful. Connect them by the word given below the statements in the best possible way without changing the intended meaning. Choose the best possible combination as your answer accordingly from the options to form a correct, coherent sentence.

Q76. Column (I)
(A) No restrictions shall be imposed on oxygen manufacturers
(B) Sean had no reason to take a taxi
(C) We neither want to show eyes to anyone
Column (II)
(D) do we accept anyone raise eyes at us
(E) his flat was near enough to walk to.
(F) suppliers to limit supplies only to the hospitals of the State/UT in which they are located
(i)since
(ii) and
(iii)nor
(a) (A)-(ii) -(E)
(b) (A)-(ii)- (F), (B)-(i) -(E) and (C)-(iii)-(D)
(c) (A)-(ii) -(F) and (C)-(iii) -(D)
(d) (C)-(i) -(D) and (B)-(ii) -(F)
(e) None of these

Q77. COLUMN (I)
(A) Announcing the decision during a televised broadcast
(B) State leadership should be changed
(C) Commodity traders harvest billions
COLUMN (II)
(D) party won't be able to survive for long
(E) with a demand for reconsideration of the vaccination strategy
(F)price rise for everyone else
(i) likewise
(ii)otherwise
(iii)while
(a) (A)-(ii) -(E)
(b) (B)-(iii)- (F) and (A)-(ii) -(D)
(c) (A)-(ii) -(E) and (B)-(i) -(D)
(d) (C)-(iii) -(F) and (B)-(ii) -(D)
(e) None of these

Q78. Column (I)
(A) Virat Kohli has not won any ICC title
(B) US Covid cases hit new plateau
(C) At the receiving end of much criticism over vaccine
Column (II)
(D) delta variant rises in country
(E) has he won the IPL
(F) to deal with the disease
(i)and
(ii)neither
(iii)as
(a) (A)-(ii)-(E) and (B)-(iii)- (D)
(b) (A)-(i)-(D) and (C)-(iii)-(F)
(c) (C)-(i)-(D) and (B)-(ii)-(F)
(d) (B)-(iii)- (F) and (A)-(ii)-(D)
(e) None of these

Q79. Column (I)
(A) I have often been told that the stubble suits me
(B) Supreme Court won't allow class 12th exams
(C) the proposal to exempt passengers who have received both doses
Column (II)
(D) I am happy sporting it every now and then
(E) require all incoming passengers to have a negative RT-PCR test
(F)sure of no fatality due to Covid
(i)unless
(ii)so
(iii)unlike
(a) (A)-(ii)-(D) and (B)-(i)-(F)
(b) (C)-(iii)-(F) and (A)-(ii)-(E)
(c) (B)-(iii)- (D) and (C)-(ii)-(F)
(d) (A)-(i)-(D)
(e) None of these

Q80. Column (I)
(A) It is a welcome move which will boost travel
(B) Sanitiser dispensers and markers for social distancing were in place
(C) The passenger journeys performed on Monday was in view of
Column (II)
(D) shopkeepers raised shutters with a hope to make their first sale after a long spell of no income.
(E) drastically reduced capacity owing to adherence to guidelines issued by the government
(F) will also inspire more people to get vaccinated
(i)whereas
(ii)as
(iii)therefore
(a) (A)-(i) -(F) and (E)-(ii) -(F)
(b) (B)-(ii) -(D)
(c) (C)-(iii)- (F) and (B)-(ii) -(D)
(d) (A)-(ii) -(D)
(e) None of these

Directions (81-85): In each of the following statements, there are some highlighted phrases which may or may contain a grammatical error. Find out which highlighted phase in both the statements have errors. If there is no error, choose 'no error' as your answer.

Q81. (A) **After a long and painful month (i)**-and-a-half, confirmed cases of COVID-19 in **India have declining (ii)** steadily for more than a month.
(B) A good monsoon could aid agriculture **which has been between (iii)** the **few bright spots in the (iv)** Indian economy.
(a) (i) and (iii)
(b) (iii) and (iv)
(c) (ii) and (iii)
(d) (i) and (iv)
(e) No error

Q82. (A) The Union Education Ministry **has been attempting to get (i)** States into a competitive mode in **upgrading its school education (ii)** system by recognising progress with a Performance Grading Index (PGI) that assigns them a score
(B) The Centre, **with its transparent scores and data (iii)** for each parameter and sub-topic made available in the public domain, **seek to create a resource-sharing system (iv)** that low-performing States can tap into.
(a) Only (i)
(b) (ii) and (iv)
(c) Only (iv)
(d) (i) and (iv)
(e) No error

Q83. (A) Government expenditure **on hospitals dealing mental health (i)** issues as a percentage of total government expenditure on mental health is 1.3% in India; **in developed countries, it ranges from (ii)** 3% to 15%
(B) For all the criticism China has heaped on the Quad's members **for trying to create an exclusive (iii)** clique, it will be Beijing **who is likely to demand clear-cut (iv)** foreign policy choices from its regional interlocutors.
(a) only (i) and (iv)
(b) (ii) and (iv)
(c) only (iii)
(d) (iii) and (iv)
(e) no error

Q84. (A) **Apart from the three contentious** (i) Central farm laws, procurement and agricultural market price-related failures have contributed **to a fivefold increase in major (ii)** farmers' protests since 2017
(B) Draft Rules for live-streaming and recording court **proceedings propose a 10-minute delay (iii)** in transmission and **exclusion of communally sensitive (iv)** cases and matters that involve sexual offences and gender violence against women
(a) only (i) and (iv)
(b) (ii) and (iv)
(c) only (iii)
(d) (iii) and (iv)
(e) no error

Q85. (A) The Government **was experiencing extremely (i)** difficulty **in procuring construction (ii)** materials.
(B) The valuable **inputs and suggestions received(iii)** during the consultations **was analysed using the (iv)** three aforementioned criteria, by the Prime Minster and other Cabinet Ministers and senior officers of the country
(a) (i) and (iii)
(b) (iii) and (iv)
(c) (ii) and (iii)
(d) (i) and (iv)
(e) No error

Directions (86-90): In each of the following sentence, there are three blanks. Below each sentence, there are five options and each option consists of three words which fit the blanks respectively to make the sentence grammatically and contextually correct. Find the most appropriate set of words that fit into the blanks.

Q86. A _____ of high-profile cyberattacks in recent months has exposed _____ in the critical infrastructure of even _____ nations
(a) paradigm, originated, ethicists
(b) synthetic, concern, accessible
(c) string, vulnerabilities, advanced
(d) sword, associates, wider
(e) None of these

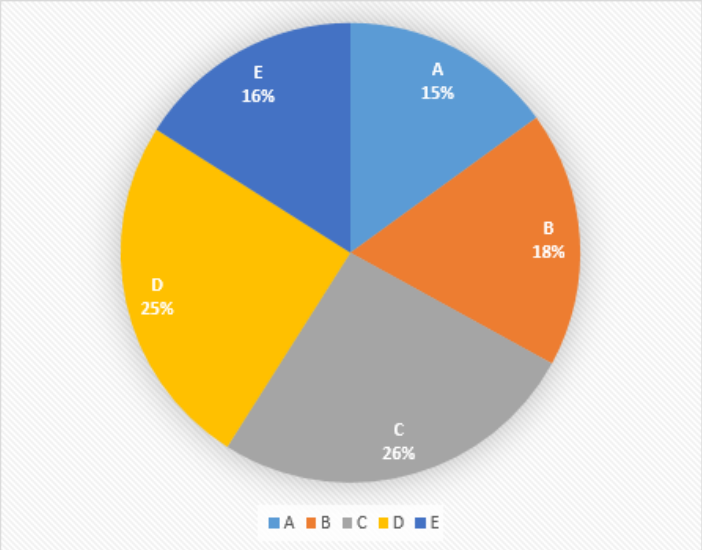
Q87. The new Budget announced that the government will _____ a high power commission to _____ and _____ the education system of the State.
(a) appoint, examine, reorganize
(b) potential, protocol, enhance
(c) remand, vehemently, intrusive
(d) declare, report, colluded
(e) None of these

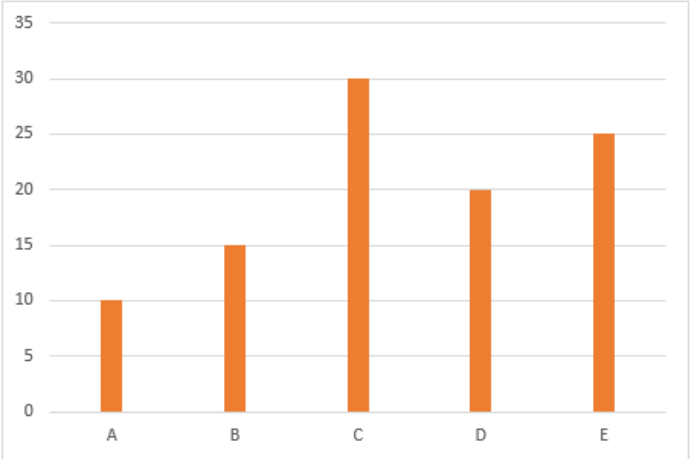
Q88. To ensure an _____ recovery, the government needs to _____ targeted, demand-creating fiscal support measures and drastically _____ the pace of vaccinations.
(a) engross, mining, expedite
(b) abiding, expedite, quicken
(c) intent, conserve, requisite
(d) lucid, inspect, hard
(e) None of these

Q89. Over 17 months after WHO first reported a _____ of cases of pneumonia of unknown cause in Wuhan, China, scientists are yet to _____ with certainty how the SARS-CoV-2 virus _____
(a) commence, mitigate, brave
(b) insights, veritable, report
(c) annual, concurrent, analysis
(d) cluster, determine, emerged
(e) None of these

Q90. The _____ of nation states and _____ global security arrangements were insufficient in _____ with the crisis.
(a) production, dilemma, cope
(b) preparedness, tenuous, dealing
(c) shillings, edifice, considerations
(d) populist, delegitimize, repeal
(e) None of these

Directions (91-96): Pie chart shows the percentage distribution of number of employees in five companies (A, B, C, D and E) and bar graph shows percentage distribution of number of male employees in these five (A, B, C, D and E) companies out of total male. Read the given data carefully and answer the following questions.
Note: 1. Difference between total number employees in A and B is 42.
2. Number of male employees in A are 800/21% of total employee in same company.





Q91. Find the ratio of total number of male employees in B and C together to the total number of female employees in B?
(a) 45: 19
(b) 20: 9
(c) 30: 11
(d) 7: 5
(e) 11: 9

Q92. If in company X, total number of employees are is 75% more than that of in company E. and the ratio of male to female employees is 9: 5, then find the average number of female in employees in E and X?
(a) 92
(b) 82
(c) 78
(d) 74
(e) 88

Q93. Total number of female employees in A is what percentage more than total number of male employees in same company?
(a) 52.5%
(b) 64.5%
(c) 61.5%
(d) 62.5%
(e) 67.5%

Q94. Find the central angle for the total number of employees in C?
(a) 93.6°
(b) 79.2°
(c) 96.6°
(d) 54.8°
(e) 84.5°

Q95. If 20% and 50% of total number of employees in A and C respectively are postgraduate and postgraduate female employees from A and C are 18 and 84 respectively, then find the total postgraduate male employees from both the companies?
(a) 98
(b) 122
(c) 108
(d) 126
(e) 102

Q96. Find the difference between total number of male and total number of female employees from D?
(a) 10
(b) 50
(c) 20
(d) 40
(e) 30

Q97. A, B & C started a business and C invested Rs. 4000 more than that of A, while B invested Rs. 24000. B left the business after three months and at the nine months the ratio of profit share of A to that of C is 2:3. If total profit is Rs 14000, then find the profit share by B?
(a) Rs. 3600
(b) Rs. 4000
(c) Rs. 4400
(d) Rs. 3200
(e) Rs. 4800

Q98. The height and radius of a cylindrical vessel is 14 m and 7 m respectively. Outer area of the cylindrical vessel is to be covered by fabric including its roof, then find total cost of fabricating it if cost of fabric is Rs. 2 per meter square?
(a) 1540 Rs.
(b) 770 Rs.
(c) 1105 Rs.
(d) 1100 Rs.
(e) 550 Rs.

Q99. Five years ago, the ratio of age of A to his father was is 2 : 5. If the age of A three years hence will be 32 years and present age of A's mother is 20% more than the present age of his father, then find the sum of age of his father and mother after two years hence will be?
(a) 157 years
(b) 147 years
(c) 143 years
(d) 141 years
(e) 149 years

Q100. Length of train A is 25% less than B and speed of train A & B is 81 km/hr and 108 km/hr respectively. If both trains running in opposite direction, then crossed each other in 8 sec. Find the time in which both trains will cross each other, while running in same direction?
(a) 48 sec
(b) 56 sec
(c) 44 sec
(d) 42 sec
(e) 40 sec

Q101. The profit earned on selling an article at Rs. 1000 is same as loss incurred on selling the same article at Rs. 880. What will be the profit or loss percentage (approx.), if ten such articles are sold at 10% discount and remaining ten are sold at 20% discount. The ratio of cost price to marked price of each article is 47:53?
(a) 10%
(b) 14%
(c) 7%
(d) 4%
(e) None of these

Q102. The probability of attempting two fixed questions correctly out of some fixed questions which are included in order to make every student pass the exam in an exam of 20 questions is 1/19. If the student attempts 16 questions correct, then find the maximum probability of attempting the non-fixed questions as correct.
(a) 4/5
(b) 3/4
(c) 11/20
(d) 7/10
(e) 1/4

Q103. A boat takes five hours to cover 20 km upstream in river A, while the same boat takes eight hours to cover 80 km downstream in river B. If the ratio of speed of stream in river A to that of in river B is 2:1, then find the time taken by same boat (in hour) to cover 100 km downstream in river A?
(a) 10
(b) 8
(c) 9
(d) 25/3
(e) 6 ¼

Q104. 'n' liters of 30% milk solution is mixed with 40 liters of 60% milk solution and a resultant of 50% milk solution is formed. Now '3n' liters of m% milk solution is added to 30 liters of 50% milk solution which resulted in 45% milk solution. Find the ratio of m : n.
(a) 17 : 6
(b) 16 : 15
(c) 7 : 15
(d) 14 : 5
(e) 17 : 8

Q105. A man spends 30% of his total monthly income in FD, 10% of remaining given to his son, 100/9% of remaining spends in rent. If man divided remaining income between his saving and household expense equally and difference between amount spend by man in FD and amount spend in household expense is Rs. 2160, then find monthly income of man (in Rs.)?
(a) 108000
(b) 105000
(c) 96000
(d) 84000
(e) 120000

Q106. The cost price of a product is Rs X and shopkeeper marked its price by Y% and then allows a discount of Z% on it, so that the selling price of article becomes Rs X. If twice of Z is equal to Y, then find value of Z?
(a) 25
(b) 40
(c) 20
(d) 50
(e) 100

Directions (107-111): Table given below shows the percentage distribution of total students who cleared written of a exam from six different colleges also shows percentage distribution of total students who cleared interview of same exam from these six colleges.
Note:(I) Total students who cleared written paper of exam = 2000
(II) Total students who cleared interview of same exam = 1000
(III) Only those who cleared written paper of exam can participated in interview of same exam.

Colleges	Percentage distribution of total students who cleared written paper	Percentage distribution of total students who cleared interview
A	15%	20%
B	22.5%	19%
C	10%	13%
D	20%	9%
D	12.5%	10%
F	20%	29%

Q107. Find the ratio of total number of students from A & C together who did not
clear interview to total number of students from A and C together who did not
clear written paper (It is given that total students who participated in exam from A and C are 400 and 300 respectively)
(a) 5 : 8
(b) 8 : 15
(c) 17 : 20
(d) 17 : 25
(e) None of these

Q108. Total number of students who did not clear interview from D, E and B together is what percent of total number of students who cleared written from all six colleges together?
(a) 35%
(b) 36%
(c) 30%
(d) 37.5%
(e) 40%

Q109. The ratio of girls to boys from F who did not clear interview is 6 : 5 and ratio of girls to boys from C who did not interview is 4 : 3. Find the ratio of total number of girls who did not clear interview from C & F together to total number of boys who did not clear interview from C and F together?
(a) 6: 5
(b) 3: 2
(c) 4: 3
(d) 5: 3
(e) None of these

Q110. If 15% of total number of students who cleared written from A, D and F together but did not participate in interview, then find the total number of students from A, D and F together who did not clear interview?
(a) 345
(b) 350
(c) 360
(d) 355
(e) 365

Q111. If number of students who participated in exam from B and D are 500 and 750 respectively, then average of students who did not clear written from B and D is what percent more or less than average of students who cleared interview from A Sand E?
(a) 30%
(b) 33⅓%
(c) 37 ½ %
(d) 27 ½ %
(e) 25%

Directions (112-115): Read the given information and answer the following questions carefully.
There is total 200 employee in 'ADDA247' who Like tea or coffee or both. Male like only coffee is ⅓rd of the total number of females who like only coffee & only tea and female like tea is equal to the number of total male employee. Number of female employees like both tea & coffee together is 40% more than number of males like only tea. Female like only coffee is twice of number of males like only tea. Number of male employees like both tea & coffee together is half of the female like only tea.

Q112. Find difference between number of males like only tea and total number of employees like both together?
(a) 20
(b) 30
(c) 10
(d) 25
(e) 15

Q113. Find number of females like only tea?
(a) 25
(b) 35
(c) 30
(d) 20
(e) 40

Q114. Find difference between the number of females like only tea to number of females like only coffee?
(a) 15
(b) 10
(c) 20
(d) 5
(e) 25

Q115. Find number of males like coffee?
(a) 50
(b) 40
(c) 55
(d) 45
(e) 60

Directions (116-120): Table shows total number of applicants who applied for education loan in three different branches of SBI bank, percentage of eligible applicants in these three branches and ratio of males to females found eligible for loan. Study the table given below and answer the given questions.
NOTE: **Total applicants =** Total eligible applicants + Total non-eligible applicants

Branches	Total applicants	% Of eligible applicants	Ratio of males to females found eligible for loan
A	1000	40%	11 : 9
B	-	50%	-
C	800	-	1 : 2

NOTE: Some values are missing. You have to calculate these values as per data given in the questions.

Q116. If percentage of eligible applicants from branch B and C is same, then find the average number of eligible applicants from branch A and C?
(a) 400
(b) 360
(c) 440
(d) 450
(e) 500

Q117. How many males are found eligible for education loan from branch A?
(a) 210
(b) 180
(c) 220
(d) 275
(e) 200

Q118. Find the number of eligible male applicants from branch B, if total applicants from branch B are twice of that of from branch C and ratio of males to females who are eligible for loan from branch B is 29 : 11?
(a) 520
(b) 640
(c) 580
(d) 440
(e) 560

Q119. What is the ratio of non-eligible applicants from branch A to that of from branch C, if there are 30% eligible applicants from branch C?
(a) 5 : 4
(b) 5 : 2
(c) 5 : 3
(d) 3 : 4
(e) 15 : 14

Q120. If there are 200 males and 100 females from branch B who are eligible for education loan, then find total number of applicants from branch B?
(a) 300
(b) 400
(c) 500
(d) 600
(e) 700

Directions (121-125): In the given questions, two quantities are given, one as **'Quantity I'** and another as **'Quantity II'**. You have to determine relationship only between these two quantities (not consider any units) and choose the appropriate option:

Q121. Quantity I: 20 men can complete a piece of work in 15 days. After 5 days from the start of the work, some men left. If the remaining work was completed by the remaining men in 16⅔ days, how many men left after 5 days from the start of the work.
Quantity II: A car driver observed that a bus was 40 m ahead of the car and after 20 seconds the car was 60 m ahead of the bus. If the speed of the bus is 38 kmph, then find 1/7 th the speed of the car (in KMPH).
(a) Quantity I > Quantity II
(b) Quantity I < Quantity II
(c) Quantity I ≥ Quantity II
(d) Quantity I ≤ Quantity II
(e) Quantity I = Quantity II or no relation

Q122. Quantity I: A mixture contains wine and water in the ratio 5 : 1. On adding 5 liter of water, the ratio of wine to water becomes 5 : 2. The quantity of wine (in liter) in the mixture is.
Quantity II: A man can row 30 km upstream and 44 km downstream in 10 hours. It is also known that he can row 40 km upstream and 55 km downstream in 13 hours. Find the speed of the man in still water (in KMPH).
(a) Quantity I > Quantity II
(b) Quantity I < Quantity II
(c) Quantity I ≥ Quantity II
(d) Quantity I ≤ Quantity II
(e) Quantity I = Quantity II or no relation

Q123. Quantity I. A watch dealer sells watches at Rs 600 per watch. However, he is forced to give two successive discounts of 10% and 5% respectively. However, he recovers the sales tax on the net sale price from the customer at 5% of the discounted price. What price does a customer have to pay to dealer for buy two such watches.
Quantity II: 1075 Rs.
(a) Quantity I > Quantity II
(b) Quantity I < Quantity II
(c) Quantity I ≥ Quantity II
(d) Quantity I ≤ Quantity II
(e) Quantity I = Quantity II or no relation

Q124. Quantity I: If the numerator of a fraction is increased by 300% and the denominator is increased by 100%. The resultant fraction becomes $1\frac{11}{19}$. What was the original fraction.
Quantity II: A box contains 12 red, 6 green and 'x' yellow balls. If probability of choosing one green ball out of the box is 2/9, then find the probability of choosing one ball, which can be either red or yellow.
(a) Quantity I > Quantity II
(b) Quantity I < Quantity II
(c) Quantity I ≥ Quantity II
(d) Quantity I ≤ Quantity II
(e) Quantity I = Quantity II or no relation

Q125. Quantity I: At present, Meena is eight times of her daughter's age. Eight years from now, the ratio of the ages of Meena and her daughter will be 10 : 3 respectively. What is Meena's present age.
Quantity II: Ratio of age of Ravi to Vicky, 4 years ago was 5: 6, while ratio of present age of Rocky to that of Vicky is 5: 4. If 2 years later sum of age of Ravi and Rocky will be 63 years, then find present age of Vicky.
(a) Quantity I > Quantity II
(b) Quantity I < Quantity II
(c) Quantity I ≥ Quantity II
(d) Quantity I ≤ Quantity II
(e) Quantity I = Quantity II or no relation

Directions (126-130): Each of given question is followed by two statements i.e. Statement I & II. You have to determine which statement (s) is/are sufficient/ necessary to answer the question and mark answer accordingly.

Q126. What is the speed of train?
I. train can cross a platform in 30 sec while a tree in 12 sec.
II. length of platform is 50% more than that of train.
(a) Only statement II is sufficient
(b) Either statement I or II is sufficient
(c) Both statements together are not sufficient to answer
(d) Only statement I is sufficient
(e) Both statements together are necessary to answer

Q127. What is quantity of milk in mixture of milk & water?
I. if 10 lit of the mixture is taken out then water becomes 35% of total quantity of remaining mixture.
II. if 30 lit water is added to the initial mixture then quantity of the milk becomes equal to that of water.
(a) Only statement II is sufficient
(b) Either statement I or II is sufficient
(c) Both statements together are not sufficient to answer
(d) Only statement I is sufficient
(e) Both statements together are necessary to answer

Q128. How many balls are in the bag? Bag contains only three types of colored balls.
I. ratio of blue balls to red balls 4 : 5. Number of white colored ball is one more than that of red colored balls.
II. no. of ways of selecting 2 red balls from the bag is 10.
(a) Only statement II is sufficient
(b) Either statement I or II is sufficient
(c) Both statements together are not sufficient to answer
(d) Only statement I is sufficient
(e) Both statements together are necessary to answer

Q129. In what time pipe C alone can fill the tank?
I. pipe A & B together takes 4 hours to fill the tank while pipe A, B and C together takes 3 hours to fill the tank. All pipes are inlet.
II. time taken by pipe A alone to fill half of the tank is same as time taken by pipe A & B together to fill the complete tank.
(a) Only statement II is sufficient
(b) Either statement I or II is sufficient
(c) Both statements together are not sufficient to answer
(d) Only statement I is sufficient
(e) Both statements together are necessary to answer

Q130. What is area of square?
I. length of diagonal of square is equal to diameter of circle of area.
II. area of circle circumscribing the square is 154 sq.m.
(a) Only statement II is sufficient
(b) Either statement I or II is sufficient
(c) Both statements together are not sufficient to answer
(d) Only statement I is sufficient
(e) Both statements together are necessary to answer

Directions (131-135): Find the wrong number in following number series:

Q131. 8, 10, 20, 70, 320, 1570, 7830
(a) 7830
(b) 10
(c) 8
(d) 320
(e) 1570

Q132. 260, 380, 510, 618, 759, 856, 1008
(a) 759
(b) 1008
(c) 260
(d) 510
(e) 618

Q133. 36, 80, 166, 340, 690, 1392, 2798
(a) 690
(b) 36
(c) 340
(d) 1392
(e) 80

Q134. 15.5, 17, 36, 117, 480, 2424, 14592
(a) 36
(b) 17
(c) 117
(d) 2424
(e) 14592

Q135. 388, 2112, 2212, 2724, 2760, 2824, 2828
(a) 2212
(b) 2760
(c) 388
(d) 2112
(e) 2824

Directions (136-140): Read the data carefully and answer the questions.
There are three companies A, B & C and total male employees in A are 50. Total number of female employees in B are 60% more than total number of male employees in A and total number of female employees is C are 25% less than total number of female employees in B. Total employees in each company = (Total male employee + Total female employee)
(i) Probability of selecting a male employee from company A is 5/12.
(ii) When a male employee is selected from all three companies, the probability of him being either from company B or company C is 14/19.
(iii) Probability of selecting a male employee from company B is equal to probability of selecting a male employee from company C.

Q136. Find total number of female employees in company A?
(a) 40
(b) 90
(c) 80
(d) 60
(e) 70

Q137. Find difference between total male and female employees in company B?
(a) 0
(b) 10
(c) 5
(d) 20
(e) 15

Q138. Total males in C is what percent less than total number of female employees in B?
(a) 5%
(b) 10%
(c) 15%
(d) 20%
(e) 25%

Q139. How many male employees are there in company C?
(a) 60
(b) 50
(c) 70
(d) 80
(e) 90

Q140. By what percent total employee in B are more than that of in company A?
(a) 16⅔%
(b) 37 ½ %
(c) 25%
(d) 33⅓%
(e) None of these

Directions (141-145): Read the following information carefully and answer the following questions.
Eight persons A, B, C, D, E, F, G, and H are sitting around a circular table having ten seats such that Four Persons faces inside the center and remaining person faces outside the center but not necessarily in the same order. Two of the seats are vacant. All persons wear a different apparel viz. Dhoti, Saree, Shirt, Pants, Trousers, T-Shirts, Plazzo and Kurta but not necessarily in the same order.
The who wears T-Shirts sits third to the right of B. C wears Plazzo and immediate neighbour of G. The one who wears Dhoti sits fourth to the right of D. B sits third to the left of the one who wears Dhoti. The one who wears Kurta is not an immediate neighbor of the one who wears Saree. A, who likes Saree sits fIfth to the right of G, who faces outside. D sits second to the left of H, who wears Trouser. G sits 3rd to the left of H. C sits fourth to the left of A. E, who does not wear Dhoti, and Shirts. A does not wear pants.

Q141. How many persons sit between the one who wears Kurta and the one who wears Saree, when counted from the right of the one who likes Saree?
(a) Four
(b) Two
(c) Three
(d) One
(e) None of these

Q142. What is the position of the one who wears Dhoti with respect to the one wears Plazzo?
(a) Immediate left
(b) Second to the left
(c) Immediate right
(d) Both (A) and (E)
(e) Third to the right

Q143. Four of the following five are alike in a certain way based on a group, which among the following does not belong to that group?
(a) Dhoti
(b) Trouser
(c) Saree
(d) T-Shirts
(e) Plazzo

Q144. Who sits immediate right of the one who wears Dhoti?
(a) C
(b) E
(c) The one who wears Plazzo
(d) The one who wears Pants
(e) The seat is Vacant

Q145. Which of the following statement is not correct?
(a) All are correct
(b) B wears pants
(c) D wears Pants
(d) D wears T-Shirts
(e) C wears Plazzo

Directions (146-148): Study the following information carefully and answer the questions given below:
In a certain code language:
"Working as poor farmer" is coded as "57 12 74 66"
"farmer is backbone economy" is coded as "66 92 28 57"
"Working for rich backbone" is coded as "57 63 94 28"
"for farmer village economy" is coded as "63 66 47 57"

Q146. What is the code for the word "farmer"?
(a) 57
(b) 12
(c) 92
(d) 66
(e) 74

Q147. What is the code for the word "merger"?
(a) 46
(b) 56
(c) 66
(d) 78
(e) None of these

Q148. "28 57" is the code for which of the following words?
(a) backbone farmer
(b) None of these
(c) farmer poor
(d) economy village
(e) backbone economy

Directions (149-150): Each question given below consists of a statement, followed by three or four arguments numbered I, II, III and IV. You have to decide which of the arguments is/are 'strong' argument(s) and which is/are 'weak' argument(s) and accordingly choose your answer from the alternatives given below each question.

Q149. Statements: Should all the indirect taxes in India be combined into a single tax on all commodities?
Arguments:
I. Yes. This will considerably simplify the tax collection mechanism and the cost of collecting tax will also reduce.
II. Yes. The manufacturers and traders will be benefited by this which in turn will boost tax collection.
III. No. No other country has adopted such system.
(a) None is strong
(b) Only I and III are strong
(c) Only II is strong
(d) Only II and III are strong
(e) None of these

Q150. Statements: Should trade unions be banned completely?
Arguments:
I. Yes. Workers can concentrate on production.
II. No. This is the only way through which employees can put their demands before the management.
III. Yes. Employees get their illegal demands fulfilled through these unions.
IV. No. Trade unions are not banned in other economically advanced countries.
(a) Only I is strong
(b) Only II is strong
(c) Only I and II are strong
(d) Only I, II and III are strong
(e) None of these

Directions (151-155): Study the following information carefully and answer the questions given below:
There are eight persons A, B, C, D, E, F, G and H sit around a circular table. They all like different types of food i.e. Idli, Cutlet, Vada Pav, Noodles, Burger, Pizza, Pasta and Dosa. Some of them face towards the centre of the table and some of them face outside the table. Not more than two persons face same direction sit together. All the information is not necessarily in the same order.
The one who likes Vada Pav sits third to the left of E. F who likes Idli sits to the immediate left of D. D and F are not immediate neighbours of both E and the one who likes Vada Pav. D doesn't face outside the table. The one who likes Dosa and the one who likes Noodles face each other. E neither likes Dosa nor Noodles. Immediate neighbours of E face same direction to each other but opposite to E. Two persons sit between D and H who likes Burger. Immediate neighbours of B like Burger and Vada Pav and face opposite to each other. C doesn't like Vada Pav and doesn't face the one who likes Vada Pav. A is not an immediate neighbour of C. The one who likes Pasta sits to the immediate right of the one who likes Dosa. The one who likes Pizza doesn't face towards the centre of the circle.

Q151. Who among the following persons likes Cutlet?
(a) A
(b) G
(c) D
(d) C
(e) None of these

Q152. How many persons sit between A and the one who likes Vada Pav?
(a) Two
(b) Three
(c) Four
(d) Five
(e) None of these

Q153. What is the position of H with respect to the one who likes Pizza?
(a) Immediate left
(b) Immediate right
(c) Seventh to the right
(d) Both (A) and (B)
(e) Both (A) and (C)

Q154. Which of the following pairs sits opposite to each other?
(a) Pizza – Vada Pav
(b) Burger - Cutlet
(c) Burger - Idli
(d) Pizza - Idli
(e) None of these

Q155. If F is related to Cutlet, Noodles is related to G, in the same manner E is related to ___?
(a) A
(b) Burger
(c) Pasta
(d) Both (A) and (B)
(e) Both (A) and (C)

Directions (156-158): In each of the following questions below are given some statements followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Q156. Statement:
Only a few green is white.
All white is silver.
All pink is silver.
Conclusion:
I. All pink can be green.
II. Some silver is not pink.
(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.

Q157. Statement:
No class is room.
Some room is wall.
Only a few wall is window.
Conclusions:
I. All wall cannot be class.
II. All window is wall 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.

Q158. Statement:
Only prelims is mains.
Only a few prelims is interview.
No interview is final.
Conclusions:
I. All mains can be interview.
II. All interview is prelims.
(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.

Directions (159-160): Study the following information carefully and answer the questions given below:
There are eight members in a family of three generation having three married couples.
T is daughter-in-law of S who has two children. P is grandmother of W. V is sister-in-law of Q. V has no siblings. V is married to R. Q is son of S. U is cousin of W who is the only child of R.

Q159. How is R related to T?
(a) Husband
(b) Uncle
(c) Brother-in-law
(d) Brother
(e) None of these

Q160. If W is daughter of V then how W is related to Q?
(a) Niece
(b) Sister
(c) Daughter
(d) Sister-in-law
(e) None of these

Directions (161-163): In each of the question, relationships between some elements are shown in the statements. These statements are followed by conclusions numbered I and II. Read the statements and give the answer.

Q161. Statements:
J<I≤H=G>F≤E<D≤C≤B<A
Conclusion
I: F≤B
II: I≤G
(a) If only conclusion I is true.
(b) If only conclusion II is true.
(c) If either conclusion I or II is true.
(d) If neither conclusion I nor II is true.
(e) If both conclusions I and II are true

Q162. Statements:
X<B=J≤G>K>L, J<U≤T>I
Conclusion
I: X<T
II: L<X
(a) If only conclusion I is true.
(b) If only conclusion II is true.
(c) If either conclusion I or II is true.
(d) If neither conclusion I nor II is true.
(e) If both conclusions I and II are true

Q163. Statements:
A<B≤W=C<D>E≤F, C<N≤X<M>Y
Conclusion
I: W<M
II: M≤W
(a) If only conclusion I is true.
(b) If only conclusion II is true.
(c) If either conclusion I or II is true.
(d) If neither conclusion I nor II is true.
(e) If both conclusions I and II are true

Q164. How many pairs of letters are there in the word "**Supreme**" which has as many letters between them as they have between them in the English alphabetical series? (both in the forward as well as in the backward direction)
(a) None
(b) One
(c) Two
(d) Three
(e) More than three

Q165. Six persons have different heights. R is taller than only T. P is taller than R and shorter than S. Q is taller than R and shorter than U. S is not the tallest person. More than two persons are taller than P. U is taller than S. Who among the following is second tallest person?
(a) R
(b) Q
(c) U
(d) S
(e) Either (B) or (D)

Directions (166-170): Read the following information carefully and answer the following questions.
Eight persons P, Q, M, N, A, B, X, and Y are sitting around square table such that four of them sit at the corner of the table and face outside the center of the table, and four of them sit in the middle of each side of the table and face inside the center of the table but not necessarily in the same order. They are playing dice game. They interchange their position with respect to the number they get on the throwing the dice. X does not face outside the center. Q sits second to the left of A. N sits second to the left of Q. P, who does not sit near to A and Y sits second to the right of X. B does not sit near to A and Q. A sits third to the right of the one who sits opposite to M.

Conditions:
i) If a person gets less than 3, then he/she interchanges its position from the person sitting third to his/her left.
ii) If a person gets 4, then he/she interchanges its position from the person sitting opposite to the one who sits to his/her immediate left.
iii) If a person gets 5, then he/she interchanges its position from the person sitting second to his/her right.
iv) If a person gets 3 or 6, then he/she interchanges its position from the person sitting to his/her opposite.

Q166. On throwing the dice if P gets 4, then who sits opposite to the one sits immediate right of A?
(a) M
(b) X
(c) The one who sits immediate left of Q
(d) The one who sits immediate right of X
(e) Both (A) and (C)

Q167. On throwing the dice if M gets 3, then who sits third to the left of Q?
(a) The one who sits immediate left of N
(b) The one who sits immediate right of B
(c) M
(d) Both (A) and (B)
(e) All of these

Q168. On throwing the dice if Y gets 5, then who sits opposite to the P?
(a) M
(b) Y
(c) X
(d) B
(e) None of these

Q169. Who sits immediate left of Q?
(a) N
(b) X
(c) The one who faces Y
(d) The one who faces P
(e) Both (B) and (C)

Q170. On throwing the dice if B gets 3, then how many persons sits between B and X, when counted from right of X?
(a) One
(b) Two
(c) Three
(d) Four
(e) None of these

Directions (171-174): Study the following information carefully and answer the questions given below:

T 1 $ B 4 % N 6 K & 3 L * 2 O (7 C 9 D β X @ # S P ® 8 5 Z ∞ A
STEP I- The numbers which are immediately preceded or immediately followed by a symbol are arranged just after O in the increasing order.
STEP II- The letters which are immediately followed by the number are arranged between K and & in the alphabetical order.
STEP III- The symbols which are immediately preceded by a letter interchanged their position with each other.
(STEP II is applied after STEP I and STEP III is applied after STEP II)

Q171. How many letters are immediately followed by numbers in step-III?
(a) One
(b) Two
(c) Three
(d) Four
(e) None

Q172. Which of the following numbers is the 4th to the right of the number which is 2nd from the left end in Step II?
(a) 9
(b) 4
(c) 8
(d) 7
(e) 3

Q173. Which among the following elements are 8th element from the left end and 6th element from the right end in step III?
(a) N®
(b) CP
(c) &S
(d) O®
(e) K#

Q174. Which of the following is the final Step?
(a) T $ B % 6 K C N O & L * 1 2 3 4 7 8 (9 D β X @ # S P ® 5 Z ∞ A
(b) $ T % B 6 K C N & O * L 1 2 3 4 7 8 (9 β D @ X # S ® P 5 ∞ Z A
(c) $ T % B 6 K C N O & * L 1 2 3 4 7 8 (9 β D @ X # S ® P 5 ∞ Z A
(d) $ T % 6 B K C N & O * L 1 2 3 4 7 8 (9 β D @ X # S P ® 5 ∞ Z A
(e) None of these

Q175. There are six members in a family having two married couples. Rajesh is the mother of Harry. Dimple is the only son of Harry. Ana is unmarried. Diana is the grandfather of Dimple. Fredrick is the brother-in-law of Ana. Ana is the only son of Diana. How is Harry related to Fredrick?
(a) Daughter
(b) Sister
(c) Brother
(d) Wife
(e) Husband

Directions (176-177): In the following questions, the symbols @, &, %, # and © are used with the following meaning as illustrated below-
'A@B' means 'A is smaller than or equal to B '
'A%B' means 'A is greater than or equal to B'
'A&B' means 'A is equal to B'
'A#B' means 'A is greater than B'
'A©B' means 'A is smaller than B'
Now in each of the following questions assuming the given statements to be true, find which of the three conclusions I, II and III given below them is/are definitely true and give your answer accordingly.

Q176. Statements:
P#Q%R©S&T ; U#R%V©S ; Y&Z#Q
Conclusions:
I. Z#V
II. R©Y
III. S#T
(a) Only I
(b) Only II
(c) Both II and III
(d) All I, II and III
(e) Both I and II

Q177. Statements:
C#D©E@F%G ; H%E&J#D ; S©T%F
Conclusions:
I. H#F
II. T#D
III. H#C
(a) Only I
(b) Only II
(c) Both II and III
(d) All I, II and III
(e) Both I and II

Directions (178-179): Read the following information carefully and answer the questions given below it.
First fifteen multiples of three are written from top to bottom (ex: 3, 6 , 9... and so on.). Now the letters of the word 'BLUNDER' are written against each of the even digits in English alphabetical order (from top to bottom).

Q178. If there is a gap of four numbers between letter B and letter T then find the third letter from the right end in a meaningful word form by the letters written against the numbers 18, 21, 30 and 36, if more than one meaningful word is form mark X as your answer and if no such meaningful word is form mark Z as your answer?
(a) N
(b) R
(c) E
(d) Z
(e) X

Q179. How many letters are there in between (according to the English alphabetical series) the letters written against the numbers 12 and 42?
(a) 16
(b) 17
(c) 15
(d) 14
(e) None of these

Directions (180-181): Study the following information carefully and answer the questions given below:
Rakhi starts moving from towards the west direction. After walking 30m she turns towards her left and walks for another 30m. Again, she turns towards her left and walks for 15m and reached her office. Raman walks for 20m in north direction and then he turns towards his left and walks for 15m to reached Rakhi's office.

Q180. What is the shortest distance between point Raman's initial position and Rakhi's initial position?
(a) 50m
(b) 25m
(c) 15m
(d) 60m
(e) 30m

Q181. Rakhi's office is in which direction with respect to her initial position?
(a) South-east
(b) South-west
(c) North-east
(d) North-west
(e) North

Directions (182-183): Below in each question are given two statements I and II. These statements may be either independent causes or may be effects of independent causes or a common cause. One of these statements may be the effect of the other statement. Read both the statements and decide which of the following answer choice correctly depicts the relationship between these two statements.
Given answer

Q182. Statements:
I. In the world's biggest conference on AIDS in Barcelona, officials in their declaration called for $ 10 billion per year to be donated to the global AIDS fund and for at least two million people with HIV in developing countries to receive anti-retroviral treatment by 2012.
II. According to recent 2012 UN report, about 70 million people will die of AIDS over the next two decades in the 45 worst affected countries.

(a) if statements I is the effect and Statement II is the immediate cause
(b) if statements I is the immediate cause and statement II is its effect
(c) if Statement I is the effect but Statement II is not its immediate cause
(d) if Statement II is the effect but Statement I is not its immediate cause
(e) if Both the Statements I and II are independent cause

Q183. Statements:
I. 500000 people were forced to flee to Rwanda from the Eastern Congo town of Goma.
II. Fires burned out of control in the Eastern Congo town of Goma, after a nearby volcano sent 100-foot-wide rivers of lava flowing through the centre of the town and into Lake Kivu.
(a) if statements I is the effect and Statement II is the immediate cause
(b) if statements I is the immediate cause and statement II is its effect
(c) if Statement I is the effect but Statement II is not its immediate cause
(d) if Statement II is the effect but Statement I is not its immediate cause
(e) if Both the Statements I and II are independent cause

Directions (184-188): Study the following information carefully and answer the questions given below:
A certain number of persons sit in a linear row and faces in the north direction. All of them like different colors.
Only two persons sit to the left of A. D who likes white sits third to the right of A. Only three persons sit between D and K who likes purple. Four persons sit between K and the one who likes brown. The one who likes brown is an immediate neighbor of D. F is an immediate neighbor of both A and the one who likes red. Only three persons sit between C and the one who like red. C who likes green is an immediate neighbor of K. B sits second to the left of N. B is an immediate neighbor of F. A does not like Magenta and red. F does not like yellow. No one sits to the right of N.

Q184. How many persons sit in the row?
(a) Nine
(b) Seven
(c) Eight
(d) Eleven
(e) Twelve

Q185. Who among the following person likes red color?
(a) A
(b) F
(c) B
(d) K
(e) None of these

Q186. Which of the following is true regarding C?
I.C sits to the left of D.
II. C sits at the extreme end of row.
III. C sits immediate left of F.
(a) Both I and II
(b) Only I
(c) Only II
(d) Both II and III
(e) Only III

Q187. 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) C-purple
(b) A-magenta
(c) D-brown
(d) K-purple
(e) F-red

Q188. Which of the following pair of persons are immediate neighbors of each other?
(a) C, F
(b) B, N
(c) A, F
(d) C, D
(e) B, A

Directions (189-190): Each of the questions below consists of a question and two statements numbered as I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer.

Q189. Five movies i.e. D1, D2, D3, D4 and D5 were released one after the other but not necessarily in the same order. Which among the following movies was released immediate before D3?
I. D4 was released before D5 and After D2. D3 was released before D5.
II. D2 was released before D3. D4 was released before D3. D1 was released after D5.
(a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
(b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
(c) If the data either in statement I alone or in statement II alone are sufficient to answer the question.
(d) If the data given in both statements I and II together are not sufficient to answer the question.
(e) If the data in both statements I and II together are necessary to answer the question.

Q190. Six members i.e. A, B, C, D, E and F of a three generation family having two married couples sit in a row and all face north direction but not necessarily in the same order. Who among the following persons sits at the extreme left end?
I. A is married to B who is mother of C. C sits third to the left of A. F is nephew of C . D is an immediate neighbour of A.
II. D sits third to the right of his husband. D is sibling of C. E is the only neighbour of D's son.
(a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
(b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
(c) If the data either in statement I alone or in statement II alone are sufficient to answer the question.
(d) If the data given in both statements I and II together are not sufficient to answer the question.
(e) If the data in both statements I and II together are necessary to answer the question.

Solutions

S1. Ans.(b)
Sol. Shane Watson wrote a new book titled **"Winning the Inner Battle Bringing the Best Version of You to Cricket".**
Details:
- Shane Watson's new book, Winning the Inner Battle, explores the mental side of the game through his own experiences revitalising his career after **contemplating retirement in 2015.**
- Shane Watson is one of **Australian cricket's** finest all-rounders, representing his country 298 times.

Details Related to Options:

	Author	Autobiography
❖	VVS Laxman	281 and Beyond
❖	Shane Warne	No Spin
❖	Sachin Tendulkar	Playing It My Way
❖	Chris Gayle	Six Machine

S2. Ans.(e)
Sol. The **Asian Squash Team Championships 2022** was held in **Cheongju, South Korea**.

S3. Ans.(a)
Sol. National Monument Authority (NMA) was established **in 2010.**
Details:
- Professor **Kishor Kumar Basa** has been appointed as the **chairman of the National Monument Authority (NMA).**

National Monument Authority (NMA):
- **National Monuments Authority (NMA)** under the Ministry of Culture, Govt. of India has been set up as per provisions of **The Ancient Monuments and Archaeological Sites and Remains AMASR (Amendment and Validation) Act, 2010** which was enacted in March 2010.

S4. Ans.(b)
Sol. K G Ananthakrishnan has been appointed as part-time Non-Official Director as well as Non-Executive **Chairman of Punjab National Bank** for a term of three years.
Details Related to Options:
- ❖ **Ramesh Kejriwal:** President of All India Rubber Industries Association
- ❖ **Charan Singh:** Non-Executive Chairman of Punjab & Sind Bank
- ❖ **Srinivasan Varadarajan:** Non-Executive Chairman of Union Bank of India
- ❖ **Vijay Srirangam:** Non-Executive Chairman of Canara Bank

S5. Ans.(e)
Sol. The theme of World Sight Day 2022 is "**Love Your Eyes**".
Details:
- World Sight Day is observed every year on the second Thursday of October to raise awareness about vision impairment, vision care, and other issues related to eyes.
- This day is observed to increase awareness about the importance of eye health and to honour ophthalmologists – a medical professional who diagnoses and treats human eye and vision problems – who work tirelessly around the globe to combat the issue.

History of World Sight Day:
- first World Sight Day was celebrated on October 8, 1998. The "SightFirstCampaign" of Lions Club International Foundation (LCIF) was initiated on this day.
- The organization is renowned for initiating several programs globally related to sight, eye care, risk of suffering from eye diseases, and sight-restoring surgeries.

S6. Ans.(c)
Sol. This year, the **Indian Institute of Science, Bangalore** has secured the top place among Indian universities in the **Times Higher Education Rankings 2023.**
Details:
- Globally, the University of Oxford continued to retain the top spot for the seventh consecutive year, while the University of Cambridge jumped to joint third from joint fifth last year. The US is the most-represented country overall with 177 institutions in the overall ranking list.
- Five Indian universities made it into the world's top 500 varsities. IISc has been placed under the 251-300 bracket.
- In total, 22 Indian universities made it below rank 800 – three of which were debutant entries. DTU, Graphic Era University, IIT Indore, IIIT, Delhi, Jamia Hamdard University, JNU, Kalasalingam Academy of Research and Education, and KIIT University also have been put under the 601-800 bracket.

S7. Ans.(d)
Sol. Adani Green Energy Ltd has commissioned the **world's largestwind-solar power plant** of **600 MV** capacity **in Jaisalmer,** Rajasthan.
Details About the News:
- The plant has a power purchase agreement with Solar Energy Corporation of India (SECI) at Rs 2.69/kWh for 25 years.

Details About Adani Green Energy:
- Adani Green Energy Limited (AGEL) is an Indian renewable energy company headquartered in Ahmedabad, Gujarat.
- It is owned by the Indian conglomerate Adani Group.
- The company operates the Kamuthi Solar Power Project which is one of the largest solar photovoltaic plants in the world.

S8. Ans.(b)
Sol. The **pink ribbon** is an international symbol of breast cancer awareness.
Every year Breast Cancer Awareness Month (BCAM) is observed in the month of October.

S9. Ans.(b)
Sol. India has emerged as the **largestproducer** and **consumer** of sugar in the world and the **second largest exporter.**
Details of the News:
- During the sugar season in India, over 5,000 lakh metric tons (LMT) of sugarcane was produced out of which about 3,574 LMT was crushed by Sugar Mills to produce about 349 LMT of Sugar.
- 35 LMT of Sugar is diverted to ethanol production and 359 LMT of sugar was produced in sugar mills.
- The sugar exports from India earned foreign currency of about Rs 40,000 crore for the country.
- During the Sugar season, Sugar mills produced sugarcane worth more than Rs 1.18 lakh crore and released a payment of more than Rs 1.12 crore with no financial assistance.

S10. Ans.(b)
Sol. The **Agasthyamalai Elephant Reserve** has become the **5th Elephant Reserve of Tamil Nadu state.**
Details:
- On the occasion of World Elephant Day 2022, the government of **Tamil Nadu** notified **Agasthyamalai Elephant Reserve** as **its 5th Elephant Reserve** with a total area of 1,19,748.26 hectares at Agasthyamalai in **Tirunelveli and Kanyakumari district.**

Tamil Nadu Static Facts:
- **Chief Minister:** M K Stalin
- **Governor:** R N Ravi
- **Capital:** Chennai
- **National Parks:** Guindy, Gulf of Mannar Marine, Anamalai, Mudumalai, Mukurthi National Parks
- **Wildlife Sanctuaries:** Kalakad, Sathyamangalam Vallanadu Wildlife Sanctuaries

S11. Ans.(c)
Sol. In 2005, Banks were advised to introduce a **facility of 'no frills' accounts** with nil or low minimum balances which later turned into **Basic Savings Bank Deposit Accounts in 2012.**

S12. Ans.(e)
Sol. Under the **Call Money market**, funds are transacted **on an overnight basis,** and under the **Notice Money market,** funds are transacted for a period **between 2 days and 14 days** & under **Term Money Market,** funds are transacted for a period **between 15 days and 365 days.**

S13. Ans.(d)
Sol. International Lefthanders Day is celebrated on **13 August** to mark the uniqueness of left-handed people around the world.
Details:
- **International Lefthanders Day** was launched by the Club as an annual event on **13th August 1992** when lefthanders everywhere can celebrate their uniqueness and also increase awareness in the public about the advantages and disadvantages of being left-handed.
- The event is now celebrated worldwide.

S14. Ans.(c)
Sol. The boards of Aditya Birla Capital and Aditya Birla Health Insurance have approved a proposal for capital infusion to the tune **of Rs 665 crore** in the letter **from a subsidiary of Abu Dhabi Investment Authority (ADIA).**
Details:
- Aditya Birla Health Insurance is a 51:49 joint venture between Aditya Birla Capital Limited and Momentum Metropolitan Strategic Investments, a wholly owned subsidiary of South African-based Momentum Metropolitan Holdings Limited (MMH).

S15. Ans.(b)
Sol. Rakesh Jhunjhunwala was one of India's richest **stock market investors.**
Details:
- Ace investor Rakesh Jhunjhunwala, known as the **'Big Bull' of Dalal Street,** passed away today at the age of 62 in Mumbai following a cardiac arrest.
- With an estimated net worth of around **$5.8 billion (Rs 46,000 crore),** Jhunjhunwala was the 36th richest billionaire in India, according to Forbes.

S16. Ans.(a)
Sol. Startup India Seed Fund Scheme (SISFS) was launched on **19 April 2021.**
Details:
- The scheme aims to provide financial assistance to startups for proof of concept, prototype development, product trials, market-entry, and commercialization.

S17. Ans.(a)
Sol. Out of the total expenditure estimated In the Union Budget 2022-23, **revenue expenditure** is estimated to be **31.94 Lakh Crore** with 0.9% increase.

S18. Ans.(d)
Sol. Only statement C is correct.
Details:
As per the 36th Forbes World's Billionaires List 2022-
- Elon Musk is leading the Forbes billionaires list with a net worth of **$219 billion,** followed by Amazon chief Jeff Bezos at $171 billion.
- America has the greatest number of billionaires at 735 worth a collective net worth of **$4.7 trillion**, including Elon Musk, who tops the World's Billionaires list for the first time.
- China (including Macau and Hong Kong) remains number two, with 607 billionaires worth a collective $2.3 trillion.

S19. Ans.(d)
Sol. NABARD has sanctioned **Rs 221.99 crore** to strengthen school infrastructure in rural schools in **Punjab.**
Details About the News:
- It has sanctioned money from the Rural Infrastructure Development Fund (RIDF) for the construction of 2,328 additional classrooms, 762 labs, and 648 playgrounds in rural schools in all 23 districts.
- In addition to this, 404 integrated science labs, 62 physics labs, 44 chemistry labs, 54 biology labs, 103 computer labs, and 55 National Skills Qualification Framework labs have also been sanctioned.

S20. Ans.(b)
Sol. BOE stands for **"Bill of Exchange".**
Details:
- It is a written order used primarily in international trade that binds one party to pay a fixed sum of money to another party on demand or at a predetermined date.

S21. Ans.(e)
Sol. According to the QS Best Student Cities Ranking 2023, released by global higher education consultancy Quacquarelli Symonds (QS), **London (UK)** has topped the list ranked 1 followed by **Munich (Germany)** and **Seoul (South Korea)** ranked 2nd and **Zurich (Switzerland) ranked 4th.**
Details:
- **Mumbai ranked 103** has emerged as **India's highest-ranked student city.**
- The other Indian cities in the rankings include **Bengaluru at 114, Chennai at 125, and New Delhi at 129.**
- The ranking provides students with independent data regarding a range of factors relevant to their study decisions: affordability, quality of life, the standard of university, and the views of previous students that have studied in that destination.

S22. Ans.(b)
Sol. Neeraj Chopra continues to create history as he won the silver medal in the men's Javelin throw event in the **World Athletics Championship 2022.**
Details:
- In his fourth attempt, Neeraj Chopra managed to record a throw of 88.13m, with this historic performance he became the only second Indian Athlete to win a medal at World Championship, after **Anju Bobby George** who won a **bronze medal in Long Jump at the 2003 World Championship held in Paris.**

S23. Ans.(d)
Sol. Start-up Incubation and Innovation Centre (SIIC) at **IIT Kanpur** has launched the **"NIRMAN" Accelerator Programme,** supported by the department of science and technology, the government of India.
Details:
- The programme will focus on the manufacturing startups engaged in healthcare and agriculture domains to help them overcome the challenges from their prototype-to-market journey.

S24. Ans.(c)
Sol. The international financial institution, World Bank has appointed **Indermit Gill,** as its **chief economist and senior vice-president** for development economics at the multilateral development bank.
World Bank Static Facts:
- **Founded:** 1944
- **Headquarters:** Washington DC, USA
- **President:** David Malpass

S25. Ans.(c)
Sol. L&T Technology Services has become the **first technology company** to publicly express its interest in **the government's direct allocation of spectrum for captive 5G networks.**
Details:
- It will obtain spectrum to set up a 5G non-public network to build use cases on the technology, apart from this, the engineering and research and development services firm will also deploy 5G solutions globally for parent Larsen & Toubro.

S26. Ans.(e)

Sol. The Airports Authority of India, **Leh airport is being built as a carbon-neutral airport,** a first in India.

Details:

- A "Geothermal system" in hybridization with Solar PV Plant will be provided in the new airport Terminal Building for heating and cooling purposes.
- This system works by exchanging heat between the air and the ground as its heat pumps are used for space heating and cooling, as well as water heating.
- The main feature of this process is that naturally existing heat is concentrated and used. It is estimated that 900 tons of carbon emissions per year will be reduced after adopting the Geothermal system at the Leh Airport Terminal Building project.

Airports Authority of India Static Facts:

- **Headquarters:** New Delhi
- **Founded:** 1 April 1995
- **Chairman:** Sanjeev Kumar

S27. Ans.(b)

Sol. A **certificate of Deposit** is a negotiable money market instrument, issued in dematerialized form or as a Usance Promissory Note against funds deposited at a bank or other eligible financial institution for a specified time period.

S28. Ans.(b)

Sol. State Bank of India launched the SBI Foundation's **Gram Seva Program** across **six states** of India.

Details About the News:

- On Gandhi Jayanti this year, the State Bank of India announced that it will adopt 30 remote villages across India under the 4th phase of the 'SBI Gram Seva' Program.
- The bank will adopt remote villages across Aspirational Districts in Haryana, Gujarat, Maharashtra, Punjab, Tamil Nadu, and West Bengal.
- The SBI foundation is actively working on areas like rural development, healthcare, education, Sustainability, environment, livelihood, skill development, etc.

S29. Ans.(a)

Sol. The airport is located in **Ahmedabad, Gujarat.**

Details:

- Sardar Vallabhbhai Patel International Airport is an international airport serving the twin cities of Ahmedabad and Gandhinagar in Gujarat, India.
- The airport is located in Hansol, 9 km north of Ahmedabad. It is named after Sardar Vallabhbhai Patel, the 1st Deputy Prime Minister of India.

S30. Ans.(a)

Sol. Scheduled commercial banks having experience in **digital banking** are allowed to **open DBUs in Tier 1 to Tier 6 centres** without having the need to take permission from the RBI.

Details:

- The Reserve Bank of India laid down norms to allow commercial banks to open digital banking units (DBU) while mandating the minimum products and services that must be offered in these units.
- The Union Budget of 2022-23 announced the setting up of 75 Digital Banking Units (DBUs) in 75 districts to commemorate the 75 years of independence of our country.
- To start with, all scheduled commercial banks with past digital banking experience are allowed to open such units except for regional rural banks, local area banks, and payments banks, without prior approval of the RBI in tier-1 to tier-6 cities.

S31. Ans.(c)

Sol. Chief Minister Pushkar Singh Dhami released the book **"BEYOND THE MISTY VEIL",** Temple Tales of Uttarakhand written by **Aradhana Johri** (Senior IAS) on the temples of Uttarakhand.

Details:

- This book will be known as an authentic introduction to the divine temples of Uttarakhand in the country and abroad.
- The book based on the mythological temples of Devbhoomi Uttarakhand informs us about our culture and mythology.
- The book talks about the temples of Uttarakhand, their significance and the tales associated with them.

S32. Ans.(c)

Sol. The **United Nations Development Programme (UNDP),** has partnered with the Indian State of **Telangana** for Data in Climate Resilient Agriculture (DiCRA).

Details:

- The platform aims **to strengthen food systems and food security** through the use of Artificial Intelligence technology.
- DiCRA is a digital solution that aims to attain Sustainable Development Goals (SDGs).
- DiCRA will help farmers mitigate the effects of climate change on their crops and livestock, boost the resilience of their livelihoods, and wider food security.
- This first-of-a-kind digital solution will also bring stakeholders together including data scientists, government, organizations, and citizens to promote open innovation to strengthen climate resilience in agriculture.

S33. Ans.(a)

Sol. Rafael Nadal won the men's singles title at French Open 2022.

Details:

- The 2022 French Open is a Grand Slam tennis tournament played on outdoor clay courts.
- **IgaŚwiątek** won the **women's singles event**, capturing her second French Open crown, and **Rafael Nadal won the men's singles event,** capturing his record-extending 14th French Open title.

List of Winners French Open 2022:

Title	Winner	Runner up
Men's Singles	Rafael Nadal (Spain)	Casper Ruud (Norwegian)
Women's Singles	Iga Świątek (Poland)	Coco Gauff (US)
Men's doubles	Marcelo Arévalo (El Salvador), Jean-Julien Rojer (Netherlands)	Ivan Dodig (Croatian), Austin Krajicek (US)
Women's doubles	Caroline Garcia (French), Kristina Mladenovic (French)	Jessica Pegula (US), Coco Gauff (US)
Mixed doubles	Ena Shibahara (JAPAN), Wesley Koolh of (Netherlands)	Joran Vliegen (Belgium), Ulrikke Eikeri (Norway)

S34. Ans.(c)

Sol. Suryoday Small Finance Bank, one of India's premier small finance banks, has **established a cooperation with Mobisafar** to provide banking services across India through all of Mobisafar's franchises and Business Correspondent networks.

Details:

- The cooperation aims to increase financial inclusion by providing vital banking services to underbanked customers digitally, even in the most distant corners of the country.

S35. Ans.(d)

Sol. Members of the European Parliament have voted **to ban the sale of new petrol and diesel carsby 2035.**

Details:

- The move aims to step up the fight against climate change through the faster development of electric vehicles.
- Europe's shift to electric vehicles embolden carmakers to invest heavily in electrification, aided by another EU law that will require countries to install millions of vehicle chargers.

European Parliament Static Facts:

- **Headquarters:** Strasbourg, France
- **Founded:** 19 March 1958

S36. Ans.(d)

Sol. Indian Army participates in a multinational exercise **"Ex Khaan Quest 2022"** where 16 other countries also took part **in Mongolia.**

Details:

- President of Mongolia, **UkhnaagiinKhurelsukh** inaugurated the Exercise as the host.
- Indian Army was represented by a contingent from the LADAKH SCOUTS.
- The 14-day exercise was aimed at enhancing interoperability, building military-to-military relationships, and developing peace support operations and military readiness among participating nations.

Indian Army Static Facts:

- **Founded:** 1 April 1895
- **Headquarters:** New Delhi
- **Chief of the Army Staff:** Manoj Pande
- **Motto:** Service Before Self

S37. Ans.(c)

Sol. In the **2022 Environment Performance Index (EPI),** an analysis **by Yale and Columbia University researchers** that gives a data-driven evaluation of the situation of sustainability around the world, **Denmark** came in **first** as the **world's most sustainable country.**

Details:

- **India came in last** out of 180 countries.
- Climate change, environmental public health, and biodiversity are among the 40 performance factors used by the EPI to rank 180 nations.
- The **US was ranked 20th** out of **22 rich democracies** in the western world, **and 43rd overall.**
- **India and Nigeria** are at the **bottom** of the list.

S38. Ans.(c)

Sol. Telangana, India's 28th state, was founded **on 2nd June 2014.**

Details:

- Telangana celebrates its Formation Day to mark the people's contribution to forming a separate state outside of Andhra Pradesh.
- Telangana's 30 districts honour this day by hoisting the national flag.

S39. Ans.(c)

Sol. Talcher Thermal Power station is located in Talcher sub-division of Angul district of **Odisha state.**

Odisha Static Facts:

- **Capital:** Bhubaneshwar
- **Chief Minister:** Naveen Patnaik
- **Governor:** Ganeshi Lal
- **National Parks:** Bhitarkanika National Park, Simplipal National Park
- **Folk Dance:** Dalkhai

S40. Ans.(d)

Sol. Torgya' Festival was celebrated by the Monpa tribal community **of Arunachal Pradesh state.**

S41. Ans.(c)

Sol. Fiscal Policy is the government's actions with respect to aggregate levels of revenue and spending and implemented through the budget and is the primary means by which the government can influence the economy.

S42. Ans.(e)

Sol. Equity, Debentures, Cumulative Preference Shares and Cumulative Convertible Preference Shares are the instruments of **Capital Market.**

S43. Ans.(d)

Sol. Adelaide Oval is a sports ground in Adelaide**, South Australia**, located in the parklands between the city centre and North Adelaide.

S44. Ans.(d)

Sol. Bank of India has recently become **the first Public Sector Bank** to **go live with the new Direct Tax Collection System**- Tax Information Network, **TIN 2.0.**

Details:

- The portal was developed by the Income Tax Department as a Mission Mode Project under the National E-Governance Plan. The aim of the project is to offer taxpayers single-window access to income tax-related services including tax payments.
- It is the official portal of the Income Tax Department, Ministry of Finance.

Bank of India Static Facts:

- **Founded:** 7th September 1906
- **Headquarters:** Mumbai
- **MD & CEO:** Atanu Kumar Das
- **Tagline:** Relationship Beyond Banking

S45. Ans.(d)

Sol. As per **the NSO data,the Labour force participation rate in CWS** (Current Weekly Status) in urban areas for **persons aged 15 years and aboveincreased to 47.5 percent** in **the April-June quarter of 2022,** from 46.8 percent in the same period a year ago.

Details:

- It was 47.3 percent in January-March 2022. The Worker Population Ratio (WPR) in CWS in urban areas for persons aged 15 years and above stood at 43.9 percent in April-June, 2022, up from 40.9 per cent in the same period a year ago. It was 43.4 percent in January-March 2022.

National Statistical Office Related Facts:

- The government has formed an overarching body NSO by merging the National Sample Survey Office (NSSO), Computer Centre, and Central Statistical Office (CSO).
- It is the statistical wing of the Ministry of Statistics and Programme Implementation (MoSPI).
- It Acts as the nodal agency for planned development of the statistical system in the country.

S46. Ans.(c)

Sol. The first Homeopathy International Health summithosted by Dubai aimed to teach and promote a homeopathic system of medicine, medications, and practices.

Details:

- Burnett Homeopathy Pvt Limited, a company that deals with homeopathic dilutions, mother tincture, lower trituration tablets, and unique medicines including drops, syrups, skincare, hair care, and other homeopathic remedies, organized the summit.
- Ashwini Kumar Choubey, Minister of State for Environment, Forestry, and Climate Change, virtually addressed the meeting.

United Arab Emirates Static Facts:

- **President:** Mohammed bin Zayed Al Nahyan
- **Capital:** Abu Dhabi
- **Currency:** Dirham
- **Prime Minister:** Mohammed bin Rashid Al Maktoum

S47. Ans.(c)

Sol. The Biden Administration has approved **a whopping USD 450 million F-16 fighter jet** fleet sustainment programme to **Pakistan.**

Details About the News:

- As a notification to the US Congress, the State Department has made a determination approving a possible foreign military sale of F-16 case for sustainment and related equipment for an estimated cost of USD 450 million, arguing that this will sustain Islamabad's capability to meet current and future counterterrorism threats by maintaining its F-16 fleet.

Pakistan Static Facts:

- **Capital:** Islamabad
- **Currency:** Rupee
- **Prime Minister:** Shehbaz Sharif

S48. Ans.(b)

Sol. Max Life Insurance Company Ltd has announced **Rohit Sharma,** sports icon and captain of men's Indian Cricket team, and his wife **Ritika Sajdeh**, as its brand ambassadors.

Details About the News:

- Max Life has signed a two-year partnership with the cricketing star and his spouse, who are making their debut onscreen together.
- The collaboration will increase the awareness of life insurance among the younger generation and help the company grow further.
- The aim of the company is to promote the Max Life brand ethos of valuing the 'self' to determine the right financial value to protect themselves and their family.

S49. Ans.(e)

Sol. Incorporated **in 2008** as a specialised division of the Reserve Bank of India, NPCI is an **umbrella organisation** for operating **retail payments and settlement systems** and infrastructure.

Products of NPCI:

- **RuPay-**RuPay is an Indigenously developed Payment System – designed to meet the expectation and needs of the Indian consumer, banks, and merchant eco-system. RuPay supports the issuance of debit, credit, and prepaid cards by banks in India and thereby supporting the growth of retail electronic payments in India.
- **IMPS:** With Immediate Payment Service (IMPS), India has become the leading country in the world in real-time payments in the retail sector.

- **NACH:** National Automated Clearing House (NACH), an offline web-based system for bulk push and pull transactions. NACH provides an electronic mandate platform to register mandates facilitating paper less collection process for corporates and banks. It provides for both account-based and Aadhaar-based transactions.
- **ABPS-** Aadhaar Payment Bridge (APB) System is helping the Government and Government agencies in making Direct Benefit Transfers for various Central as well as State sponsored schemes.
- **AePS-** To access these funds at the door step & drive financial inclusion in India, Aadhaar enabled Payment System (AePS) has been introduced. Since its inception, it has become instrumental to increase the accessibility of basic banking services in underserved areas. To extend the convenience of biometrics to merchant payments, BHIM Aadhaar has been launched by Hon'ble Prime Minister Narendra Modi.
- **NFS-**National Financial Switch (NFS) is the largest network of shared Automated Teller Machines (ATMs) in India facilitating interoperable cash withdrawal, card-to-card funds transfer, and interoperable cash deposit transactions among other value-added services in the country.
- **UPI-** Unified Payments Interface (UPI) has been termed as a revolutionary product in the payment system.
- **Bharat Bill Payment System-** Bharat Bill Payment System is offering a one-stop bill payment solution for all recurring payments with 200+ Billers in the categories Viz. Electricity, Gas, Water, Telecom, DTH, Loan Repayments, Insurance, FASTag Recharge, Cable etc. across India.
- **NETC-** National Payments Corporation of India (NPCI) has developed the National Electronic Toll Collection (NETC) program to meet the electronic tolling requirements of the Indian market.

S50. Ans.(d)
Sol. The Global Terrorism Index is released every year by the **Australian organization named the Institute for Economics and Peace.**

S51. Ans.(c)
Sol. The correct choice is option (c). Both (i) and (ii) support the miscalculation of death rates which can be inferred from the first and second paragraph of the passage.
For statement (i), refer to the second paragraph which mentions, "Additionally, government "death audit committees" may choose to omit deaths of patients with confirmed COVID-19 from official tolls, citing co-morbidities as the main cause of death."
For statement (ii), refer to the second paragraph which mentions, "Deaths where doctors do not write COVID-19 as a cause of death on the hospital death certificate are missed"

S52. Ans.(c)
Sol. The correct choice is option (c) which can be inferred from third paragraph which mentions," This suggests a large increase in mortality in 2021. However, 2020 was also a pandemic year, and the early days of the pandemic saw a very harsh lockdown"

S53. Ans.(b)
Sol. The correct choice is option (b) which can be inferred from second paragraph which mentions the unreliability and underestimation of deaths due to Covid-19.

S54. Ans.(d)
Sol. The correct choice is option (d) which can be inferred from the last paragraph of the passage which mentions," Some may reflect overwhelmed health-care facilities or worsening economic conditions. In fact, there is some evidence for possible indirect effects."

S55. Ans.(a)
Sol. The correct choice is option (a). 'pertinent' means 'relevant or applicable to a particular matter' and 'relevant' is synonym which means 'closely connected or appropriate to what is being done or considered.'
reluctant means unwilling and hesitant; disinclined.
drowsy means sleepy and lethargic; half asleep.
Nimble means quick and light in movement or action; agile.

S56. Ans.(e)
Sol. The correct choice is option (e). The correct sentence will be, "Using registered deaths between 2015-2018 for this calculation reveals a similar estimate"

S57. Ans.(d)
Sol. The above passage talks about the peace talk which was supposed to happen in April- May but postponed due to reluctance of Afghan's Taliban and U.S's withdraw from war-torn Afghanistan. The correct choice for first blank will be 'agenda, objective'
agenda means a list of matters that need to be discussed or dealt with
objective means something that you are trying to achieve; an aim
resolution means the quality of being firm and determined
tactics means the particular method you use to achieve something
mainstream means the ideas and opinions that are considered normal because they are shared by most people; the people who hold these opinions and beliefs
benign means kind or gentle
oath means a formal promise
curious means wanting to know or learn something

S58. Ans.(e)
Sol. The above passage talks about the peace talk which was supposed to happen in April- May but postponed due to reluctance of Afghan's Taliban and U.S's withdraw from war-torn Afghanistan. The correct choice for second blank will be 'disarray, chaos'
disarray means a state of confusion and complete lack of organization in a situation or place
chaos means a state of great disorder; confusion
cursory means quick and short; done in a hurry
infiltration means intrusion
concerns means to be about something
limpid means clear
lucid means clear and easy to understand

S59. Ans.(b)
Sol. The above passage talks about the peace talk which was supposed to happen in April- May but postponed due to reluctance of Afghan's Taliban and U.S's withdraw from war-torn Afghanistan. The correct choice for third blank will be 'snubbing, humiliating'
reallocating means to make changes in the way money, materials, work, etc. are shared between different projects, people, or groups
snubbing means to treat somebody rudely, for example by refusing to look at or speak to him/her
humiliating means to make somebody feel very embarrassed
ensuing means to happen after (and often as a result of) something else
insurgent means a person fighting against the government or armed forces of their own country
negotiate means to talk to somebody in order to decide or agree about something
appreciating means to enjoy something or to understand the value of somebody/something

S60. Ans.(a)
Sol. The above passage talks about the peace talk which was supposed to happen in April- May but postponed due to reluctance of Afghan's Taliban and U.S's withdraw from war-torn Afghanistan. The correct choice for fourth blank will be 'withdraw, retreat'
withdraw means to move or order somebody to move back or away from a place
exile means the state of being forced to live outside your own country
degrade means to make people respect somebody less
collaborate means to work together (with somebody), especially to create or produce something
unite means to join together and act in agreement; to make this happen
rumor means news or information that many people are talking about but that is possibly not true
Dampen means to make something less strong or urgent

S61. Ans.(d)
Sol. The above passage talks about the peace talk which was supposed to happen in April- May but postponed due to reluctance of Afghan's Taliban and U.S's withdraw from war-torn Afghanistan. The correct choice for fifth blank will be 'warring, conflicting'
warring means in conflict with each other.
conflicting means incompatible or at variance; contradictory.
adamant means refusing to be persuaded or to change one's mind.
Conceived means form or devise (a plan or idea) in the mind.
Overwhelming means very great in amount.
liberal means willing to respect or accept behaviour or opinions different from one's own; open to new ideas.

S62. Ans.(c)
Sol. The above passage talks about the peace talk which was supposed to happen in April- May but postponed due to reluctance of Afghan's Taliban and U.S's withdraw from war-torn Afghanistan. The correct choice for sixth blank will be 'prospects, anticipates'
profuse means very plentiful; abundant.
locus means a particular position or place where something occurs or is situated.
inclusive means including all the services or items normally expected or required.
rebelling means rise in opposition or armed resistance to an established government or leader.
prospects means the possibility or likelihood of some future event occurring.
robust means strong and healthy; vigorous.

S63. Ans.(b)
Sol. The above passage talks about the peace talk which was supposed to happen in April- May but postponed due to reluctance of Afghan's Taliban and U.S's withdraw from war-torn Afghanistan. The correct choice for last blank will be 'province, territory'
meagre means lacking in quantity or quality.
beacon means a fire or light set up in a high or prominent position as a warning
province means a principal administrative division of a country or empire.
Territory means an area of land under the jurisdiction of a ruler or state.
embezzlement means theft or misappropriation of funds placed in one's trust or belonging to one's employer.
rudimentary means relating to an immature, undeveloped, or basic form.

S64. Ans.(c)
Sol. The correct choice is option (c) which can be inferred from first paragraph which mentions," A change in the American position supporting a temporary waiver could act as a catalyst for building consensus in favour of that proposal when it comes up for fresh consideration at the WTO in June. However, the path ahead is not clear. While France and Russia have declared support, Germany has voiced its opposition."

S65. Ans.(d)
Sol. The correct choice is option (d) which can be inferred from second paragraph which mentions," On this occasion, it chose to shield patent rights. Since the WTO operates on consensus rather than by voting, the proposal did not advance despite drawing support of over 60 countries."

S66. Ans.(d)
Sol. The correct choice is option (d). 'Shot in the arm' means 'A stimulus or booster, something vitalizing or encouraging'.

S67. Ans.(a)
Sol. The correct choice is option (a) which can be inferred from the third paragraph which mentions," Many **specious** reasons were offered for such a defence. It was argued that the capacity for producing vaccines of assured quality and safety was limited to some laboratories and that it would be hazardous to permit manufacturers in low and middle income countries to play with technologies they cannot handle."

S68. Ans.(c)
Sol. The correct choice is option (c) i.e. only (iii) is incorrect.
For (i), refer to third paragraph which mentions, "The low labour costs in those countries are obviously so attractive that **confidence** in the quality and the safety of their products is high, so long as patents and profits are protected."
For (ii), refer to last paragraph which mentions," The counter to patent waiver is an offer to license manufacturers in developing countries, while retaining patent rights. This restricts the opportunity for production to a chosen few."
For (iii), refer to second paragraph which mentions," While many low and middle income countries supported it**, resistance** came from the U.S., the United Kingdom, the European Union, Switzerland, Australia and Japan." Hence (iii) is incorrect.

S69. Ans.(d)
Sol. The error lies in option (d). In option (d), 'come up' should be 'comes up' as subject is singular here.

S70. Ans.(e)
Sol. All the given highlighted words are correct hence correct choice is option (e).
resistance means the refusal to accept or comply with something.
fiercely means in a savagely violent or aggressive manner.
specious means misleading in appearance, especially misleadingly attractive
confidence means the feeling or belief that one can have faith in or rely on someone or something.

S71. Ans.(b)
Sol. In above (B) and (C) need to be exchanged to make statements grammatically and contextually correct. Hence, the correct statements will be "As State governments have begun implementing weekend curfews and lockdown-like conditions amid the second wave of COVID, there is another issue that is emerging" and "The second wave of COVID-19 has shown us the consequence of not preparing in advance"

S72. Ans.(b)
Sol. In above (A) and (C) need to be exchanged to make statements grammatically and contextually correct. Hence, the correct statements will be, "A change of guard in Puducherry, where governance and development took a backseat from mid-2016 due to continuing friction between the elected government and Raj Nivas, ushers in hope for its people" and "Communal polarisation in the State fanned by the acrimonious debate on the Citizenship (Amendment) Act has been further reinforced in the outcome"
fanned means increase the strength of (a fire) by blowing on it or stirring up the air near it.

S73. Ans.(a)
Sol. In above (A) with (C) and (B) with (D) need to be exchanged to make statements grammatically and contextually correct. Hence, the correct statements will be, "The pandemic's second wave has spread far beyond the worst-hit cities, with almost half the new cases being reported from rural districts" and
"India's sovereign rating will remain unchanged at the current level of BBB- for the next two years despite the potential adverse impact of the surging pandemic on its economy"

S74. Ans.(c)
Sol. In above (A) with (D) need to be exchanged to make statements grammatically and contextually correct. Hence, the correct statements will be, "IT markets are picking up to such a degree that both the U.S. and Europe are running out of critical skills, and with this, offshore and Indian alternatives are increasingly becoming attractive for tech buyers" and "India and South Africa had proposed a waiver for all World Trade Organization (WTO) members on the implementation of certain provisions of the agreement in relation to the prevention, containment or treatment of COVID-19"

S75. Ans.(e)
Sol. The given highlighted words are correctly placed hence no correction required.

S76. Ans.(b)
Sol. Option (b) is the correct choice. Statements (A) and (F) can be joined together using the conjunction "(ii)" which is 'AND'. Statements (B) and (E) can be combined using (i) which is 'SINCE'. Statements (C) and (D) can be connected using (iii) which is 'SINCE'. The sentences will be "No restrictions shall be imposed on oxygen manufacturers and suppliers to limit supplies only to the hospitals of the State/UT in which they are located"
"Sean had no reason to take a taxi since his flat was near enough to walk to."
"We neither want to show eyes to anyone nor do we accept anyone raise eyes at us"

S77. Ans.(d)
Sol. Option (d) is the correct choice. Statements (C) and (F) can be joined together using the conjunction "(iii)" which is 'WHILE'. Statements (B) and (D) can be combined using (ii) which is 'OTHERWISE'. Hence the statements will be, "State leadership should be changed otherwise party won't be able to survive for long" and "Commodity traders harvest billions while price rise for everyone else"

S78. Ans.(a)
Sol. Option (a) is the correct choice. Statements (A) and (E) can be joined together using the conjunction "(ii)" which is 'NEITHER'. Statements (B) and (D) can be combined using (iii) which is 'AS'. Hence the statements will be, "Virat Kohli has not won any ICC title neither has he won the IPL" and "US Covid cases hit new plateau as delta variant rises in country"

S79. Ans.(a)
Sol. Option (a) is the correct choice. Statements (A) and (D) can be joined together using the conjunction "(ii)" which is 'SO'. Statements (B) and (F) can be combined using (i) which is 'UNLESS'. Hence the statements will be, "I have often been told that the stubble suits me so I am happy sporting it every now and then" and "Supreme Court won't allow class 12th exams unless sure of no fatality due to Covid"

S80. Ans.(b)
Sol. Option (b) is the correct choice. Statements (B) and (D) can be joined together using the conjunction "(ii)" which is 'AS'. Hence the statements will be, "Sanitiser dispensers and markers for social distancing were in place as shopkeepers raised shutters with a hope to make their first sale after a long spell of no income."

S81. Ans.(c)
Sol. In the given statements, (ii) and (iii) have errors. In (ii), 'have' should be 'have been' because sentence is in present continuous. In (iii), 'between' should be 'among' as we use 'among' for more than two subjects.

S82. Ans.(b)
Sol. In the given statements, (ii) and (iv) have errors. In (ii), 'its' should be 'their' because subject 'states' is plural. In (iv), 'seek' should be 'seeks' because noun 'Centre' is singular here so we need singular verb.

S83. Ans.(a)
Sol. In the given statements, (i) and (iv) have errors. In (i), 'dealing' should be 'dealing with'. In (iv), 'who' should be 'that' because we use 'who' as relative pronoun only for living things. For non-living things we use 'that' and 'which'.

S84. Ans.(e)
Sol. Both the given sentences are error free hence correct choice is option (e).

S85. Ans.(d)
Sol. In the given statements, (i) and (iv) have errors. In (i), 'extremely' should be 'extreme' as we need adjective here. In (iv), 'was' should be 'were' because subject 'inputs and suggestions' is singular here.

S86. Ans.(c)
Sol. Option (c) is the most suitable answer choice. The words 'string, vulnerabilities, advanced' fit appropriately in the context of the paragraph satisfying the grammatical syntax of the sentences. All the other words do not comprehend with the context of the paragraph.
vulnerabilities means a weakness
paradigm means a typical example or pattern of something
ethicist means a person who specializes in or writes on ethics
synthetic means made by a chemical process; not natural
sword means a long, very sharp metal weapon, like a large knife

S87. Ans.(a)
Sol. Option (a) is the most suitable answer choice. The words 'appoint, examine, reorganize' fit appropriately in the context of the paragraph satisfying the grammatical syntax of the sentences. All the other words do not comprehend with the context of the paragraph.
vehemently means in a forceful, passionate, or intense manner; with great feeling.
intrusive means causing disruption or annoyance through being unwelcome or uninvited.
colluded means cooperate in a secret or unlawful way in order to deceive or gain an advantage over others.

S88. Ans.(b)
Sol. Option (b) is the most suitable answer choice. The words 'abiding, expedite, quicken' fit appropriately in the context of the paragraph satisfying the grammatical syntax of the sentences. All the other words do not comprehend with the context of the paragraph.
engross means absorb all the attention or interest of.
abiding means lasting a long time; enduring.
expedite means make (an action or process) happen sooner or be accomplished more quickly.
requisite means made necessary by particular circumstances or regulations
lucid means expressed clearly; easy to understand.

S89. Ans.(d)

Sol. Option (d) is the most suitable answer choice. The words 'cluster, determine, emerged' fit appropriately in the context of the paragraph satisfying the grammatical syntax of the sentences. All the other words do not comprehend with the context of the paragraph.

veritable means used for emphasis, often to qualify a metaphor.

S90. Ans.(b)

Sol. Option (b) is the most suitable answer choice. The words 'preparedness, tenuous, dealing" fit appropriately in the context of the paragraph satisfying the grammatical syntax of the sentences. All the other words do not comprehend with the context of the paragraph.

tenuous means very weak or slight.

shilling means a former British coin

edifice means a large, imposing building.

repeal means revoke or annul

delegitimize means withdraw legitimate status or authority from.

S91. Ans.(c)

Sol.

Let total number of employees in all five companies = 100n

Given, $18n - 15n = 42$

$n = 14$

Total number of employees A = $15 \times 14 = 210$

Total number of males employees in A = $\frac{800}{21} \times \frac{1}{100} \times 210 = 80$

Total employees = 100n = 1400

Total males = 80x100/10 = 800

Similarly,

Companies	Total Employees	Male Employees	Female Employees
A	210	80	130
B	252	120	132
C	364	240	124
D	350	160	190
E	224	200	24

Required ratio = $\frac{120+240}{132}$

$= \frac{360}{132}$

$= 30:11$

S92. Ans.(b)

Sol.

Let total number of employees in all five companies = 100n

Given, $18n - 15n = 42$

$n = 14$

Total number of employees A = $15 \times 14 = 210$

Total number of males employees in A = $\frac{800}{21} \times \frac{1}{100} \times 210 = 80$

Total employees = 100n = 1400

Total males = 80x100/10 = 800

Similarly,

Companies	Total Employees	Male Employees	Female Employees
A	210	80	130
B	252	120	132
C	364	240	124
D	350	160	190
E	224	200	24

Total number of employees in X = $224 \times \frac{175}{100} = 392$

Total number of female employees in X = $\frac{5}{14} \times 392 = 140$

So, required average = $\frac{140+24}{2} = 82$

S93. Ans.(d)

Sol.

Let total number of employees in all five companies = 100n

Given, $18n - 15n = 42$

$n = 14$

Total number of employees A = $15 \times 14 = 210$

Total number of males employees in A = $\frac{800}{21} \times \frac{1}{100} \times 210 = 80$

Total employees = 100n = 1400

Total males = 80x100/10 = 800

Similarly,

Companies	Total Employees	Male Employees	Female Employees
A	210	80	130
B	252	120	132
C	364	240	124
D	350	160	190
E	224	200	24

Required percentage = $\frac{130-80}{80} \times 100 = 62.5\%$

S94. Ans.(a)

Sol.

Let total number of employees in all five companies = 100n

Given, $18n - 15n = 42$

$n = 14$

Total number of employees A = $15 \times 14 = 210$

Total number of males employees in A = $\frac{800}{21} \times \frac{1}{100} \times 210 = 80$

Total employees = 100n = 1400

Total males = 80x100/10 = 800

Similarly,

Companies	Total Employees	Male Employees	Female Employees
A	210	80	130
B	252	120	132
C	364	240	124
D	350	160	190
E	224	200	24

Required angle = $\frac{364}{1400} \times 360° = 93.6°$

Or $\frac{26}{100} \times 360° = 93.6°$

S95. Ans.(b)

Sol.

Let total number of employees in all five companies = 100n

Given, $18n - 15n = 42$

$n = 14$

Total number of employees A = $15 \times 14 = 210$

Total number of males employees in A = $\frac{800}{21} \times \frac{1}{100} \times 210 = 80$

Total employees = 100n = 1400

Total males = 80x100/10 = 800

Similarly,

Companies	Total Employees	Male Employees	Female Employees
A	210	80	130
B	252	120	132
C	364	240	124
D	350	160	190
E	224	200	24

Total postgraduate employees from A = $\frac{20}{100} \times 210 = 42$

Total postgraduate employees from C = $\frac{50}{100} \times 364 = 182$

Total postgraduate male employees from A = $42 - 18 = 24$

Total postgraduate male employees from C = $182 - 84 = 98$

So, required sum = $24 + 98 = 122$

S96. Ans.(e)

Sol.

Let total number of employees in all five companies = 100n

Given, $18n - 15n = 42$

$n = 14$

Total number of employees A = $15 \times 14 = 210$

Total number of males employees in A = $\frac{800}{21} \times \frac{1}{100} \times 210 = 80$

Total employees = 100n = 1400

Total males = 80x100/10 = 800

Similarly,

Companies	Total Employees	Male Employees	Female Employees
A	210	80	130
B	252	120	132
C	364	240	124
D	350	160	190
E	224	200	24

Require difference =190-160 =30

S97. Ans.(b)
Sol.
Let amount invested by A be Rs x then amount invested by C=Rs (x+4000)
Ratio of profit share of

A	B	C
$x \times 9$	24000×3	$(x + 4000) \times 9$
x	8000	$(x + 4000)$

ATQ
$\frac{x}{x+4000} = \frac{2}{3}$
$x = 8000$
Ratio of profit share of A, B and C= 2: 2: 3
Profit share of B=14000 $\times \frac{2}{7}$ = Rs 4000

S98. Ans.(a)
Sol.
Total area that will be fabricated = $2\pi rh + \pi r^2$
$= 2 \times \frac{22}{7} \times 7 \times 14 + \frac{22}{7} \times 7 \times 7$
= 616 + 154 = 770
Required cost= 770 × 2 = 1540 Rs.

S99. Ans.(b)
Sol.
A's age five years ago = 32 – 3 – 5 = 24 years
∴ Age of A's father five years ago = $\frac{24}{2} \times 5$ = 60 years
Present age of A's father = 60 + 5 = 65 years
Present age of A's mother = $65 \times \frac{120}{100}$ = 78 years.
Required sum = (65 +2) + (78 + 2) = 147 years.

S100. Ans.(b)
Sol.
Let length of train B = 4L meters
So, length if train A = 4L $\times \frac{75}{100}$ = 3L meters
ATQ -
$(81 + 108) \times \frac{5}{18} = \frac{3L+4L}{8}$
$52.5 \times 8 = 7L$
L = 60 meter
Length of train A = 180 meters
Length of train B = 240 meters
Let, when trains are running in same direction cross each other in X sec
$(108 - 81) \times \frac{5}{18} = \frac{180+240}{X}$
7.5X = 420
X = 56 sec

S101. Ans.(d)
Sol.
Let cost price of each article = X Rs.
ATQ, 1000 – X = X – 880
X = Rs. 940
Marked price of one article = $\frac{940}{47} \times 53 = Rs.1060$
Cost price such of 20 articles = $20 \times 940 = Rs.18800$
Selling price of such of 20 articles = $10 \times \frac{90}{100} \times 1060 + 10 \times \frac{80}{100} \times 1060 = Rs.18020$
Required loss percentage = $\frac{18800-18020}{18800} \times 100 = 4.14\% \approx 4\%$ (loss)

S102. Ans.(b)
Sol.
Let total fixed questions be x
ATQ, $\frac{{}^{x}C_{2}}{{}^{20}C_{2}} = \frac{1}{19}$
x = 5
Non-fixed questions = 20 – 5 = 15
In order to attempt maximum non-fixed questions correctly, all the non-fixed questions must be attempted correctly.
So, required probability = $\frac{15}{20} = \frac{3}{4}$

S103. Ans.(d)
Sol.
Let speed of boat in still water is S km/hr, speed of stream in river A be 'a' km/hr and speed of stream in river B be 'b' km/hr.
ATQ, S – a = $\frac{20}{5}$ = 4 .....(i)
And, S + b = $\frac{80}{8}$ = 10 .....(ii)
Subtracting (i) from (ii)
a + b = 6 .....(iii)
Given, $\frac{a}{b} = \frac{2}{1}$ .....(iv)
On solving (iii) and (iv), we get:
$\Rightarrow a = 4$ & $b = 2$
Hence, S = 8 km/hr
Required time = $\frac{100}{8+4} = \frac{25}{3}$

S104. Ans.(e)
Sol.
By from statement I
$\frac{n \times \frac{80}{100} + 40 \times \frac{60}{100}}{(n+40)} = \frac{1}{2}$
$\frac{(2400+30n)}{100(n+40)} = \frac{1}{2}$
$n = 20$
Now from statement II
$\frac{\left(3n \times \frac{m}{100} + 30 \times \frac{50}{100}\right)}{3n+30} = \frac{45}{100}$
Here 3n = 3 × 20 = 60 liters
$\frac{\left(\frac{60m}{100}\right)+15}{90} = \frac{45}{100}$
$\frac{60m}{100} = \frac{81}{2} - 15$
$m = 42.5$
$\therefore m : n = 42.5 : 20$
$= 17 : 8$

S105. Ans.(a)
Sol.
Let monthly income of man = 100x
Amount spend by man in FD = 100x × $\frac{30}{100} = 30x$
Amount given by man to his son = (100x – 30x) × $\frac{10}{100} = 7x$
Amount spend by man in rent = (100x – 30x – 7x) × $\frac{1}{9} = 7x$
Amount (saving & spend in household expense) by man = $\frac{(100x-30x-7x-7x)}{2} = 28x$
Given, 30x – 28x = 2160
2x = 2160
x = 1080
So, monthly income of man = 108000 Rs.

S106. Ans.(d)
Sol.
Marked price = $\frac{X \times (100+Y)}{100}$
selling price = $X \times \frac{(100+Y)}{100} \times \frac{(100-Z)}{100}$
ATQ,
$X \times \frac{(100+Y)}{100} \times \frac{100-Z}{100} = X$
$\Rightarrow (100 + Y)(100 - Z) = 100 \times 100$ ...(i)
And,
2Z = Y ...(ii)
From (i) & (ii)
Z = 50

S107. Ans.(c)
Sol.

college	Total students who cleared written	Total students who cleared interview	Total students who did not cleared interview
A	300	200	100
B	450	190	260
C	200	130	70
D	400	90	310
E	250	100	150
F	400	290	110
TOTAL	2000	1000	1000

Total number of students from A & C together who did not cleared interview = 100 +70 = 170
Total number of students from A and C together who did not clear written paper = $(400 - 300) + (300 - 200) = 200$
Required ratio = $\frac{170}{200} = \frac{17}{20}$

S108. Ans.(b)
Sol.

college	Total students who cleared written	Total students who cleared interview	Total students who did not cleared interview
A	300	200	100
B	450	190	260
C	200	130	70
D	400	90	310
E	250	100	150
F	400	290	110
TOTAL	2000	1000	1000

Total number of students who did not cleared interview from D, E and B =310+150+260=720
Required percentage = $\frac{720}{2000} \times 100 = 36\%$

S109. Ans.(e)
Sol.

college	Total students who cleared written	Total students who cleared interview	Total students who did not cleared interview
A	300	200	100
B	450	190	260
C	200	130	70
D	400	90	310
E	250	100	150
F	400	290	110
TOTAL	2000	1000	1000

Total number of students who did not interview from F = 110
Total number of students who did not interview from C= 70
Required ratio = $\frac{\frac{6}{11}\times 110+\frac{4}{7}\times 70}{\frac{5}{11}\times 110+\frac{3}{7}\times 70} = \frac{100}{80} = 5:4$

S110. Ans.(d)
Sol.

college	Total students who cleared written	Total students who cleared interview	Total students who did not cleared interview
A	300	200	100
B	450	190	260
C	200	130	70
D	400	90	310
E	250	100	150
F	400	290	110
TOTAL	2000	1000	1000

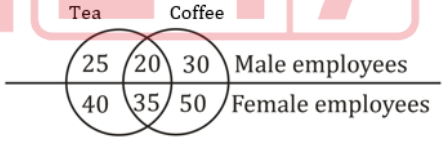
Total number of students from A, D and F together who participated in interview = $(300+400+400) \times \frac{85}{100} = 935$
Total number of students from A, D and F together who cleared interview = 200 + 90 + 290 = 580
Total number of students from A, D and F together who did not clear interview = 935 – 580 = 355

S111. Ans.(b)
Sol.

college	Total students who cleared written	Total students who cleared interview	Total students who did not cleared interview
A	300	200	100
B	450	190	260
C	200	130	70
D	400	90	310
E	250	100	150
F	400	290	110
TOTAL	2000	1000	1000

Students who did not clear written from B and D = (500 – 450) + (750 – 400) = 400
Average of students who did not clear written from B and D = $\frac{400}{2} = 200$
Average of students who cleared interview from A and E = $\frac{200+100}{2} = 150$
Required percentage = $\frac{200-150}{150} \times 100 = 33\frac{1}{3}\%$

S112. Ans.(b)
Sol.
Let the total number of male employees be 'a'
Then, total number of female employees = (200 – a)
And number of female employees like tea = a
Number of female employees like only coffee = (200 –a) – a = (200 – 2a)
Number of male employees like only tea = $\frac{200-2a}{2}$ = (100–a)
Let number of female employees like only tea be 'b'
Number of male employees like both tea & coffee together = $\frac{b}{2}$
Number of female employees like both tea & coffee together = 1.4 (100 – a)
Number of male employees like only coffee = $\frac{1}{3}$ (200 – 2a + b)
ATQ,
Female employees like tea = a = b +1.4(100 – a)
$\Rightarrow 2.4a = b + 140 \ldots\ldots\ldots\ldots (i)$
And,
Number of male employees = a = (100 – a) + $\frac{b}{2} + \frac{1}{3}$ (200 – 2a + b)
⇒ 16a = 5b + 1000 ..... (ii)
From (i) & (ii)
We have, a = 75
b=40



Required difference = (20+35)-25 = 30

S113. Ans.(e)

Sol.

Let the total number of male employees be 'a'

Then, total number of female employees = (200 – a)

And number of female employees like tea = a

Number of female employees like only coffee = (200 –a) – a = (200 – 2a)

Number of male employees like only tea = $\frac{200-2a}{2}$ = (100–a)

Let number of female employees like only tea be 'b'

Number of male employees like both tea & coffee together = $\frac{b}{2}$

Number of female employees like both tea & coffee together = 1.4 (100 – a)

Number of male employees like only coffee = $\frac{1}{3}$(200 – 2a + b)

ATQ,

Female employees like tea = a = b +1.4(100 – a)

$\Rightarrow 2.4a = b + 140 \ldots\ldots\ldots\ldots (i)$

And,

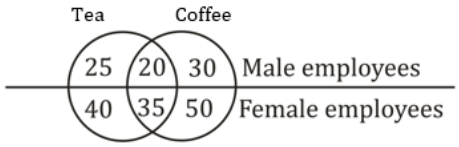
Number of male employees = a = (100 – a) + $\frac{b}{2} + \frac{1}{3}$(200 – 2a + b)

⇒ 16a = 5b + 1000 ..... (ii)

From (i) & (ii)

We have, a = 75

b=40



Number of female employees like only tea = 40

S114. Ans.(b)

Sol.

Let the total number of male employees be 'a'

Then, total number of female employees = (200 – a)

And number of female employees like tea = a

Number of female employees like only coffee = (200 –a) – a = (200 – 2a)

Number of male employees like only tea = $\frac{200-2a}{2}$ = (100–a)

Let number of female employees like only tea be 'b'

Number of male employees like both tea & coffee together = $\frac{b}{2}$

Number of female employees like both tea & coffee together = 1.4 (100 – a)

Number of male employees like only coffee = $\frac{1}{3}$(200 – 2a + b)

ATQ,

Female employees like tea = a = b +1.4(100 – a)

$\Rightarrow 2.4a = b + 140 \ldots\ldots\ldots\ldots (i)$

And,

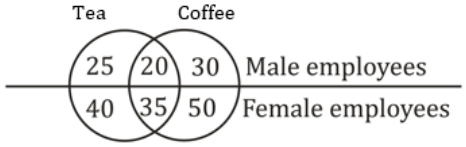
Number of male employees = a = (100 – a) + $\frac{b}{2} + \frac{1}{3}$(200 – 2a + b)

⇒ 16a = 5b + 1000 ..... (ii)

From (i) & (ii)

We have, a = 75

b=40



Required difference= 50-40=10

S115. Ans.(a)

Sol.

Let the total number of male employees be 'a'

Then, total number of female employees = (200 – a)

And number of female employees like tea = a

Number of female employees like only coffee = (200 –a) – a = (200 – 2a)

Number of male employees like only tea = $\frac{200-2a}{2}$ = (100–a)

Let number of female employees like only tea be 'b'

Number of male employees like both tea & coffee together = $\frac{b}{2}$

Number of female employees like both tea & coffee together = 1.4 (100 – a)

Number of male employees like only coffee = $\frac{1}{3}$(200 – 2a + b)

ATQ,

Female employees like tea = a = b +1.4(100 – a)

$\Rightarrow 2.4a = b + 140 \ldots\ldots\ldots\ldots (i)$

And,

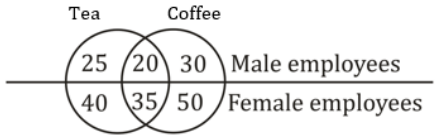
Number of male employees = a = (100 – a) + $\frac{b}{2} + \frac{1}{3}$(200 – 2a + b)

⇒ 16a = 5b + 1000 ..... (ii)

From (i) & (ii)

We have, a = 75

b=40



Number of male employees like coffee = 50

S116. Ans.(a)

Sol.

Applicants eligible from branch A = 40% of 1000 = 400

Applicants eligible from branch C = 50% of 800 = 400

Required average = $\frac{400+400}{2}$ = 400

S117. Ans.(c)

Sol.

Applicants eligible from branch A = 40% of 1000 = 400

Number of males from branch A who are eligible for loan = $\frac{400}{20} \times 11 = 220$

S118. Ans.(c)

Sol.

Total applicants from branch B = 2 × 800 = 1600

Applicants eligible from branch B = 50% of 1600 = 800

Number of eligible male applicants from branch B= $\frac{800}{40} \times 29 = 580$

S119. Ans.(e)

Sol.

Non-eligible applicants from branch A = 60% of 1000 = 600

Non-eligible applicants from branch C = 70% of 800 = 560

Required ratio = $\frac{600}{560}$ = 15: 14

S120. Ans.(d)

Sol.

Total eligible applicants from branch B = 200 + 100 = 300

Since 50% applicants are eligible from branch B

So, total applicants = $\frac{300}{50} \times 100 = 600$

S121. Ans.(e)

Sol.

Quantity I: let efficiency of a man is 1 unit/day.

Total work done by 20 men = 20 × 15 = 300 units

Now, in 5 days work done by 20 min = 20 × 5 = 100 units

∴ Remaining work = 300 – 100 = 200 units

According to the question, suppose x men left the work.

Then, $(20 - x) \times \frac{50}{3} = 200$

or, $1000 - 5x = 600$

or, $50x = 400$

$\therefore x = 8$ men

Quantity II: Let the speed of the car be x kmph.

So, $x - 38 = \left(\frac{40+60}{20}\right) \times \frac{18}{5}$ kmph

or, $x - 38 = 18$

$\therefore x = 56$

So, $\frac{1}{7}th$ the speed of the car = 8 km/hr

So, **Quantity I = Quantity II**

S122. Ans.(a)
Sol.
Quantity I: Let wine and water are = $5x : x$
Now, $\frac{5x}{x+5} = \frac{5}{2} \Rightarrow 10x = 5x + 25$
$x = 5$
$\Rightarrow$ $25 : 5$ | $25 : 10$
Before mixture | After mixture
Quantity of wine = 25ℓ

Quantity II:
Let speed of boat in still water and speed of stream be S_B and S_S respectively.
ATQ
$\frac{30}{S_B - S_S} + \frac{44}{S_B + S_S} = 10$
$\frac{40}{S_B - S_S} + \frac{55}{(S_B + S_S)} = 13$
Take $\frac{1}{S_B - S_S} = a, \frac{1}{S_B + S_S} = b$
$30a + 44b = 10$ ...(i)
$40a + 55b = 13$ ...(ii)
On solving (i) and (ii)
$a = \frac{1}{5}$ and $b = \frac{1}{11}$
$S_B + S_S = 11$ and $S_B - S_S = 5$
So, $S_B = 8$ km/hr
So, **Quantity I > Quantity II**

S123. Ans.(a)
Sol.
Quantity I: Price after discount = $600 \times \frac{90}{100} \times \frac{95}{100} = 513$
Customer have to pay = $513 + 513 \times \frac{5}{100}$
$513 + 25.65 =$ Rs 538.65
Required price = $538.65 \times 2 = 1077.3$ Rs.
Quantity II: 1075 Rs.
So, Quantity II < Quantity I

S124. Ans.(a)
Sol.
Quantity I: Suppose the fraction is $\frac{x}{y}$
$\therefore \frac{x+3x}{y+y} = \frac{30}{19}$
$\frac{4x}{2y} = \frac{30}{19}$
$\frac{x}{y} = \frac{15}{19}$
Quantity II: ATQ,
$\frac{6}{12+6+x} = \frac{2}{9}$
$\Rightarrow x = 9$
Required probability = $\frac{9+12}{12+6+9} = \frac{21}{27} = \frac{7}{9}$
Alternate,
Required Probability = 1 – Probability of choosing one green ball
$= 1 - \frac{2}{9} = \frac{7}{9}$
So, Quantity I > Quantity II

S125. Ans.(a)
Sol.
Quantity I: Suppose the age of daughter = x yr
Age of Meena = $8x$ yr
After 8 years
$\frac{8x+8}{x+8} = \frac{10}{3}$
$24x + 24 = 10x + 80$
$24x - 10x = 80 - 24$
$14x = 56$
$x = 4$
So, the age of Meena = $8x = 8 \times 4 = 32$ yr
Quantity II: Let age of Ravi and Vicky, 4 years ago was 5x years and 6x years respectively
2 years later, age of Ravi=(5x+6) years
Age of Rocky, 2 years later=$\left(\frac{6x+4}{4} \times 5\right) + 2$ *years*
ATQ
$(5x+6) + \left(\frac{6x+4}{4} \times 5\right) + 2 = 63$
x=4
Present age of Vicky = 28 years
So, Quantity I > Quantity II

S126. Ans.(c)
Sol.
Let length of train be l m and speed be x m/s
From statement I, $x = \frac{l}{12}$
Let length of platform be 'd' m
$x = \frac{l+d}{30} = \frac{l}{12}$
3l = 2d
From statement II, platform length = 1.5 × train length
(same result obtained from statement I)
Clearly, both statement together are not sufficient to answer

S127. Ans.(e)
Sol. from statement I,
Let initial quantity of mixture be 100x lit
Ratio of milk to water= 65: 35=13: 7
From statement II,
35x+30=65x
x=1
initial quantity of the milk=65 lit
and initial quantity of the water= 35 lit
so, both the statements together are necessary to answer the questions.

S128. Ans.(e)
Sol.
From statement I & II,
Let no. of red & blue balls be 5x & 4x respectively
No. of white balls = 5x + 1
$5x_{C_2} = 10$
$5x(5x - 1) = 20$
$5x^2 - x - 4 = 0$
x = 1 (neglecting negative value of x)
total balls = 5x + 4x + 5x + 1 = 15
clearly, both statements together are necessary to answer.

S129. Ans.(d)
Sol.
From statement I,
1 hour work of pipe C = $\frac{1}{3} - \frac{1}{4} = \frac{1}{12}$ units
Required time = 12 hours
From statement II, since no value of time taken is given
Clearly, only statement I alone is sufficient to answer

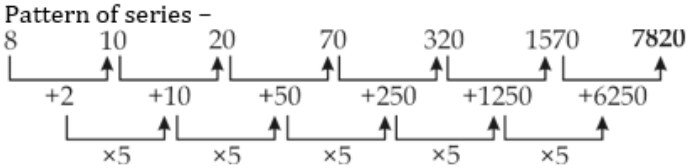
S130. Ans.(a)
Sol. from statement I, diagonal length = diameter of circle
From statement II, circle circumscribing the square means diameter of circle is diagonal of square

Let radius be r m
ATQ, $\pi r^2 = 154$
r = 7 m
diagonal of square = 14 m
side of square = $7\sqrt{2}\ m$
area of square = 98 sq.m.
clearly, only statement II alone is sufficient to answer

S131. Ans.(a)

Sol.

Wrong number = 7830
Pattern of series –

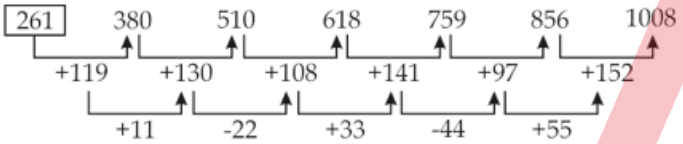


So, there should be 7820 in place of 7830.

S132. Ans.(c)

Sol.

Wrong number = 260
Pattern of series –

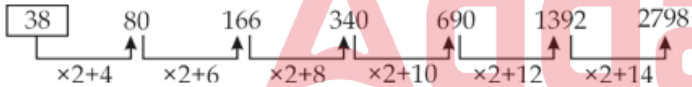


So, there should be 261 in place of 260.

S133. Ans.(b)

Sol.

Wrong number = 36
Pattern of series –



So, there should be 38 in place of 36.

S134. Ans.(a)

Sol.

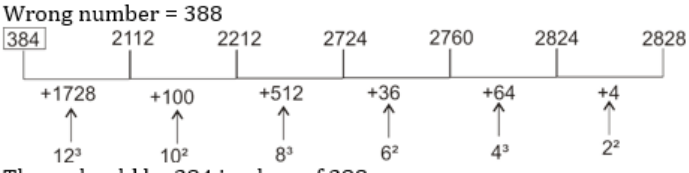
Wrong number = 36

There should be 37 in place of 36.

S135. Ans.(c)

Sol.

Wrong number = 388



There should be 384 in place of 388.

S136. Ans.(e)

Sol.

Total male employee in A = 50
So, total female employee in B = $50 \times \frac{160}{100} = 80$
And, total female employee in C = $80 \times \frac{75}{100} = 60$
Let there are x female employee in company A
$\frac{50}{50+x} = \frac{5}{12}$
x = 70
let there are y & z male employee in company B & company C respectively
$\frac{y+z}{50+y+z} = \frac{14}{19}$
y + z = 140 .....(i)
$\frac{y}{y+80} = \frac{z}{z+60}$
yz + 60y = yz + 80z
y : z = 4 : 3 .....(ii)
using (i) & (ii)
y = 80, z = 60

	A	B	C
Male employee	50	80	60
Female employee	70	80	60

Female employees in company A = 70

S137. Ans.(a)

Sol.

Total male employee in A = 50
So, total female employee in B = $50 \times \frac{160}{100} = 80$
And, total female employee in C = $80 \times \frac{75}{100} = 60$
Let there are x female employee in company A
$\frac{50}{50+x} = \frac{5}{12}$
x = 70
let there are y & z male employee in company B & company C respectively
$\frac{y+z}{50+y+z} = \frac{14}{19}$
y + z = 140 .....(i)
$\frac{y}{y+80} = \frac{z}{z+60}$
yz + 60y = yz + 80z
y : z = 4 : 3 .....(ii)
using (i) & (ii)
y = 80, z = 60

	A	B	C
Male employee	50	80	60
Female employee	70	80	60

Required difference = 80 – 80 = 0

S138. Ans.(e)
Sol.

Total male employee in A = 50

So, total female employee in B = $50 \times \frac{160}{100} = 80$

And, total female employee in C = $80 \times \frac{75}{100} = 60$

Let there are x female employee in company A

$\frac{50}{50+x} = \frac{5}{12}$

x = 70

let there are y & z male employee in company B & company C respectively

$\frac{y+z}{50+y+z} = \frac{14}{19}$

y + z = 140 .....(i)

$\frac{y}{y+80} = \frac{z}{z+60}$

yz + 60y = yz + 80z

y : z = 4 : 3 .....(ii)

using (i) & (ii)

y = 80, z = 60

	A	B	C
Male employee	50	80	60
Female employee	70	80	60

Required percentage = $\frac{80-60}{80} \times 100 = 25\%$

S139. Ans.(a)
Sol.

Total male employee in A = 50

So, total female employee in B = $50 \times \frac{160}{100} = 80$

And, total female employee in C = $80 \times \frac{75}{100} = 60$

Let there are x female employee in company A

$\frac{50}{50+x} = \frac{5}{12}$

x = 70

let there are y & z male employee in company B & company C respectively

$\frac{y+z}{50+y+z} = \frac{14}{19}$

y + z = 140 .....(i)

$\frac{y}{y+80} = \frac{z}{z+60}$

yz + 60y = yz + 80z

y : z = 4 : 3 .....(ii)

using (i) & (ii)

y = 80, z = 60

	A	B	C
Male employee	50	80	60
Female employee	70	80	60

Male employees in company C = 60

S140. Ans.(d)
Sol.

Total male employee in A = 50

So, total female employee in B = $50 \times \frac{160}{100} = 80$

And, total female employee in C = $80 \times \frac{75}{100} = 60$

Let there are x female employee in company A

$\frac{50}{50+x} = \frac{5}{12}$

x = 70

let there are y & z male employee in company B & company C respectively

$\frac{y+z}{50+y+z} = \frac{14}{19}$

y + z = 140 .....(i)

$\frac{y}{y+80} = \frac{z}{z+60}$

yz + 60y = yz + 80z

y : z = 4 : 3 .....(ii)

using (i) & (ii)

y = 80, z = 60

	A	B	C
Male employee	50	80	60
Female employee	70	80	60

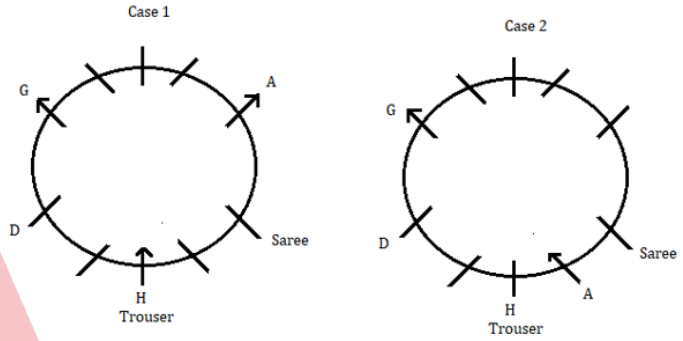
Total employee in B = 80 + 80 = 160

Total employee in A = 50 + 70 = 120

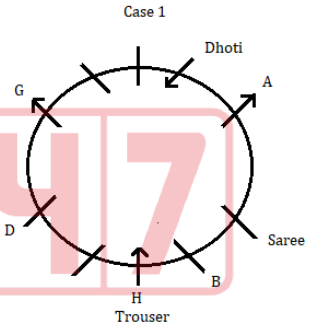
Required percentage = $\frac{160-120}{120} \times 100 = 33\frac{1}{3}\%$

S141. Ans.(c)
Sol. By using the given information:

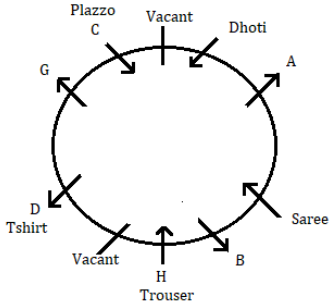
D sits second to the left of H, who wears Trouser. G sits 3rd to the left of H. A, who likes Saree sits fIfth to the right of G, who faces outside. C sits fourth to the left of A. We have two possible cases for that Case1, and Case2.



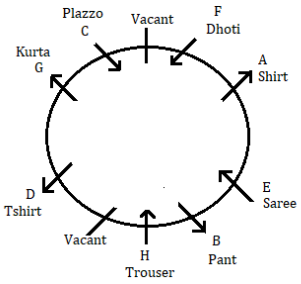
The one who wears Dhoti sits fourth to the right of D. B sits third to the left of the one who wears Dhoti. Here Case 2 is ruled out now.



The who wears T-Shirts sits third to the right of B. C wears Plazzo and immediate neighbour of G. So, by elimination we get F wears Dhoti and the two vacant seats. Four Persons faces inside the center and remaining person faces outside the center.



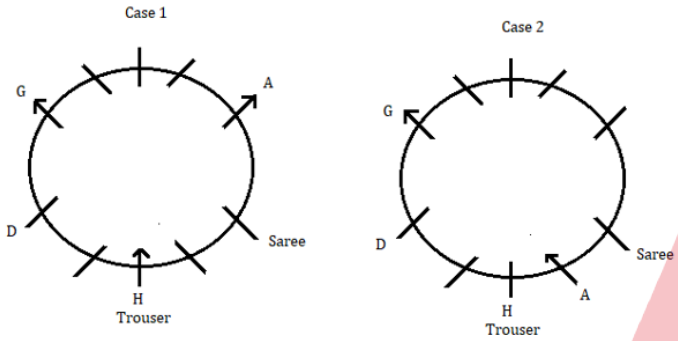
The one who wears Kurta is not an immediate neighbor of the one who wears Saree. A does not wear pants. E, who does not wear Dhoti, and Shirts, so E wears Saree and B wears Pants and G wears Kurta. Now we have our final arrangements.



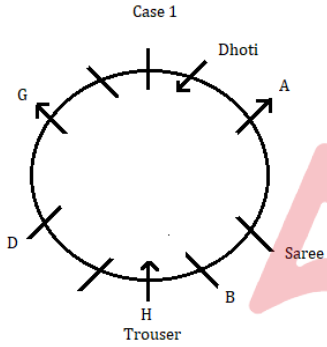
S142. Ans.(b)

Sol. By using the given information:

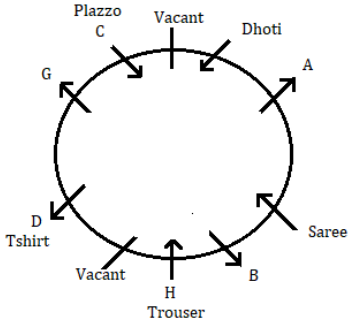
D sits second to the left of H, who wears Trouser. G sits 3rd to the left of H. A, who likes Saree sits fIfth to the right of G, who faces outside. C sits fourth to the left of A. We have two possible cases for that Case1, and Case2.



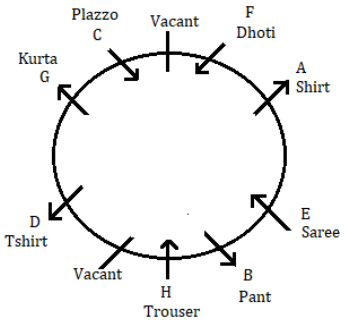
The one who wears Dhoti sits fourth to the right of D. B sits third to the left of the one who wears Dhoti. Here Case 2 is ruled out now.



The who wears T-Shirts sits third to the right of B. C wears Plazzo and immediate neighbour of G. So, by elimination we get F wears Dhoti and the two vacant seats. Four Persons faces inside the center and remaining person faces outside the center.



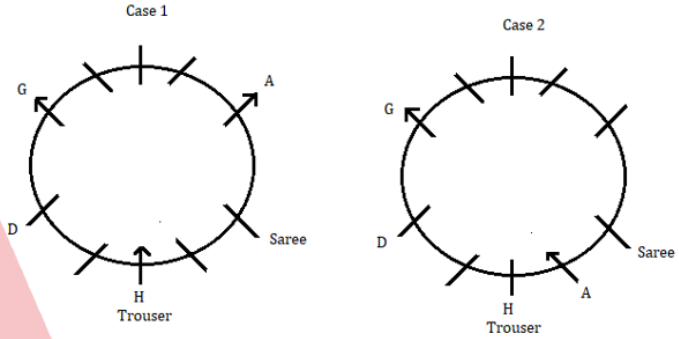
The one who wears Kurta is not an immediate neighbor of the one who wears Saree. A does not wear pants. E, who does not wear Dhoti, and Shirts, so E wears Saree and B wears Pants and G wears Kurta. Now we have our final arrangements.



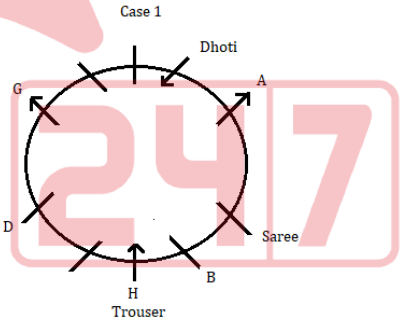
S143. Ans.(d)

Sol. By using the given information:

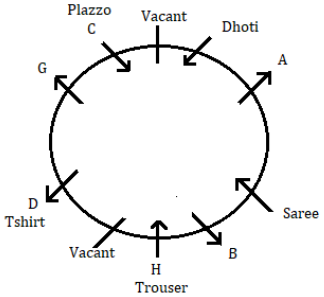
D sits second to the left of H, who wears Trouser. G sits 3rd to the left of H. A, who likes Saree sits fIfth to the right of G, who faces outside. C sits fourth to the left of A. We have two possible cases for that Case1, and Case2.



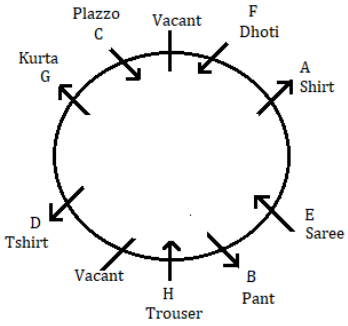
The one who wears Dhoti sits fourth to the right of D. B sits third to the left of the one who wears Dhoti. Here Case 2 is ruled out now.



The who wears T-Shirts sits third to the right of B. C wears Plazzo and immediate neighbour of G. So, by elimination we get F wears Dhoti and the two vacant seats. Four Persons faces inside the center and remaining person faces outside the center.



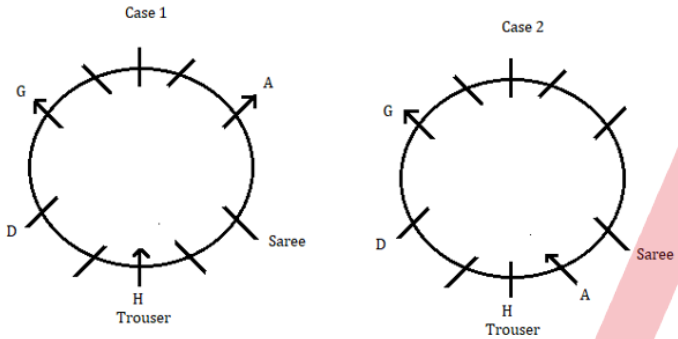
The one who wears Kurta is not an immediate neighbor of the one who wears Saree. A does not wear pants. E, who does not wear Dhoti, and Shirts, so E wears Saree and B wears Pants and G wears Kurta. Now we have our final arrangements.



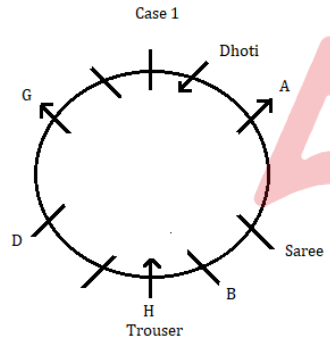
S144. Ans.(e)

Sol. By using the given information:

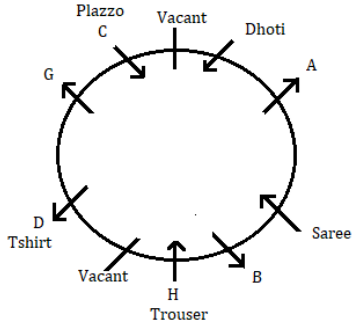
D sits second to the left of H, who wears Trouser. G sits 3rd to the left of H. A, who likes Saree sits fIfth to the right of G, who faces outside. C sits fourth to the left of A. We have two possible cases for that Case1, and Case2.



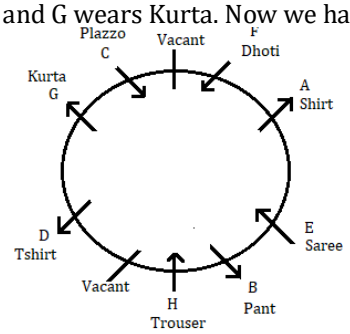
The one who wears Dhoti sits fourth to the right of D. B sits third to the left of the one who wears Dhoti. Here Case 2 is ruled out now.



The who wears T-Shirts sits third to the right of B. C wears Plazzo and immediate neighbour of G. So, by elimination we get F wears Dhoti and the two vacant seats. Four Persons faces inside the center and remaining person faces outside the center.



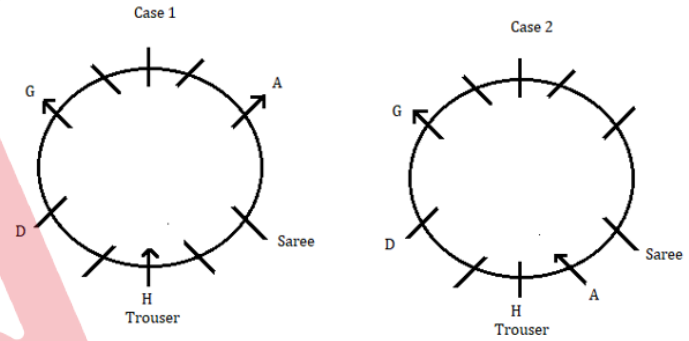
The one who wears Kurta is not an immediate neighbor of the one who wears Saree. A does not wear pants. E, who does not wear Dhoti, and Shirts, so E wears Saree and B wears Pants and G wears Kurta. Now we have our final arrangements.



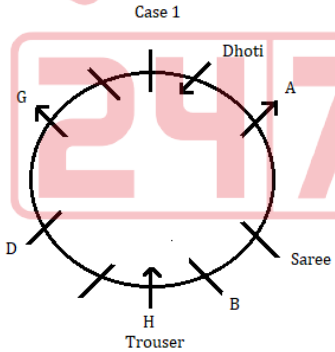
S145. Ans.(c)

Sol. By using the given information:

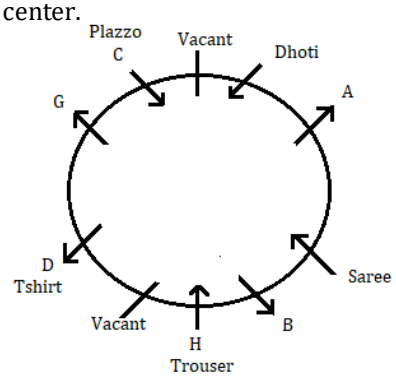
D sits second to the left of H, who wears Trouser. G sits 3rd to the left of H. A, who likes Saree sits fIfth to the right of G, who faces outside. C sits fourth to the left of A. We have two possible cases for that Case1, and Case2.



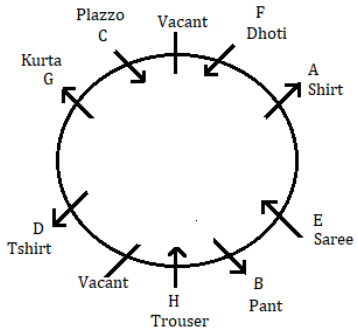
The one who wears Dhoti sits fourth to the right of D. B sits third to the left of the one who wears Dhoti. Here Case 2 is ruled out now.



The who wears T-Shirts sits third to the right of B. C wears Plazzo and immediate neighbour of G. So, by elimination we get F wears Dhoti and the two vacant seats. Four Persons faces inside the center and remaining person faces outside the center.



The one who wears Kurta is not an immediate neighbor of the one who wears Saree. A does not wear pants. E, who does not wear Dhoti, and Shirts, so E wears Saree and B wears Pants and G wears Kurta. Now we have our final arrangements.



S146. Ans.(d)

Sol. Word is coded as follows:

place value of the first letter or the sum of the place value of the first letter in case its a two-digit number.

Economy ⟶ 57– number of letters in the word

S147. Ans.(a)

Sol. Word is coded as follows:

place value of the first letter or the sum of the place value of the first letter in case its a two-digit number.

Economy ⟶ 57– number of letters in the word

S148. Ans.(e)

Sol. Word is coded as follows:

place value of the first letter or the sum of the place value of the first letter in case its a two-digit number.

Economy ⟶ 57– number of letters in the word

S149. Ans.(e)

Sol. Only I and II are strong.

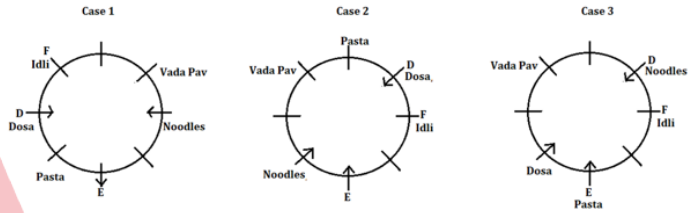
Clearly, Both I and II hold strong, as they provide very convincing reasons, for a single tax system would help get rid of multifarious taxes on a product. Besides, the idea of imitation of other countries in the implementation of a certain policy holds no relevance. So, argument III does not hold strong.

S150. Ans.(b)

Sol. Clearly, trade unions provide a common platform for the workers to voice their demands and protests and thus ensure that they are not subdued or exploited. So, argument II holds strong, while I and III do not. Besides, the idea of imitation of other countries in the implementation of a certain policy, holds no relevance. So, argument IV also not hold strong.

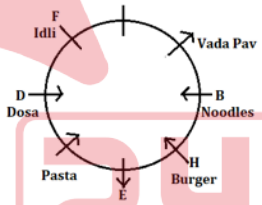
S151. Ans.(d)

Sol. As per the given conditions, the one who likes Vada Pav sits third to the left of E. F who likes Idli sits to the immediate left of D. D and F are not immediate neighbours of both E and the one who likes Vada Pav. D doesn't face outside the table. The one who likes Dosa and the one who likes Noodles face each other. E neither likes Dosa nor Noodles. So, here we have three possible cases i.e. case 1, case 2 and case 3. The one who likes Pasta sits to the immediate right of the one who likes Dosa.

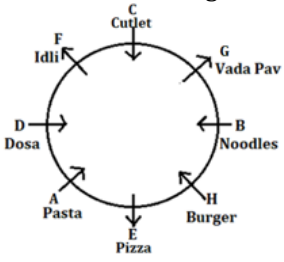


Immediate neighbours of E face same direction to each other but opposite to E. So, here case 2 and case 3 get eliminated. Two persons sit between D and H who likes Burger. Immediate neighbours of B like Burger and Vada Pav.

Case 1

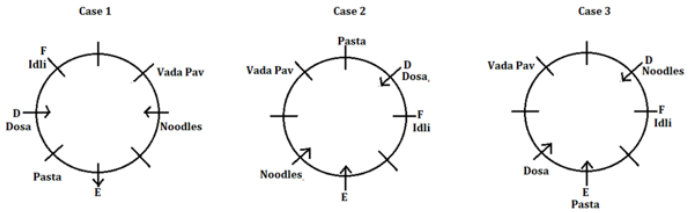


C doesn't like Vada Pav and doesn't face the one who likes Vada Pav. A is not an immediate neighbour of C. The one who likes Pizza doesn't face towards the centre of the circle. So, we have the final arrangement:



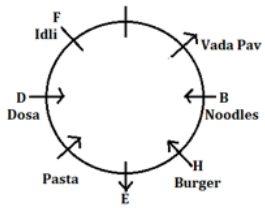
S152. Ans.(b)

Sol. As per the given conditions, the one who likes Vada Pav sits third to the left of E. F who likes Idli sits to the immediate left of D. D and F are not immediate neighbours of both E and the one who likes Vada Pav. D doesn't face outside the table. The one who likes Dosa and the one who likes Noodles face each other. E neither likes Dosa nor Noodles. So, here we have three possible cases i.e. case 1, case 2 and case 3. The one who likes Pasta sits to the immediate right of the one who likes Dosa.

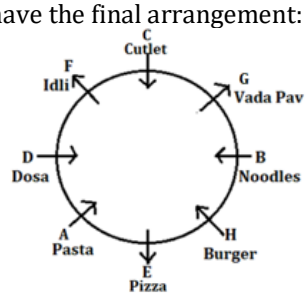


Immediate neighbours of E face same direction to each other but opposite to E. So, here case 2 and case 3 get eliminated. Two persons sit between D and H who likes Burger. Immediate neighbours of B like Burger and Vada Pav.

Case 1

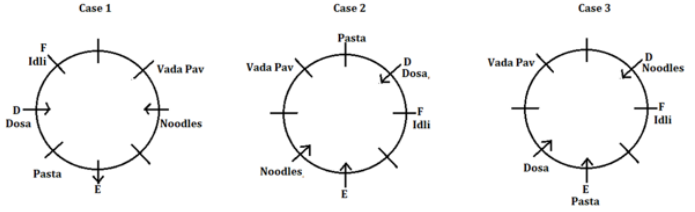


C doesn't like Vada Pav and doesn't face the one who likes Vada Pav. A is not an immediate neighbour of C. The one who likes Pizza doesn't face towards the centre of the circle. So, we have the final arrangement:



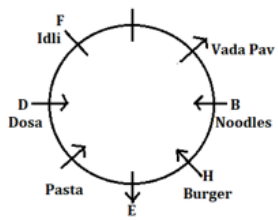
S153. Ans.(e)

Sol. As per the given conditions, the one who likes Vada Pav sits third to the left of E. F who likes Idli sits to the immediate left of D. D and F are not immediate neighbours of both E and the one who likes Vada Pav. D doesn't face outside the table. The one who likes Dosa and the one who likes Noodles face each other. E neither likes Dosa nor Noodles. So, here we have three possible cases i.e. case 1, case 2 and case 3. The one who likes Pasta sits to the immediate right of the one who likes Dosa.

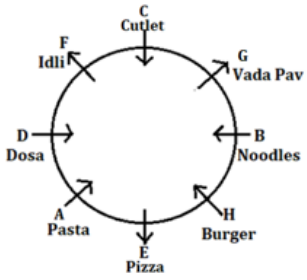


Immediate neighbours of E face same direction to each other but opposite to E. So, here case 2 and case 3 get eliminated. Two persons sit between D and H who likes Burger. Immediate neighbours of B like Burger and Vada Pav.

Case 1

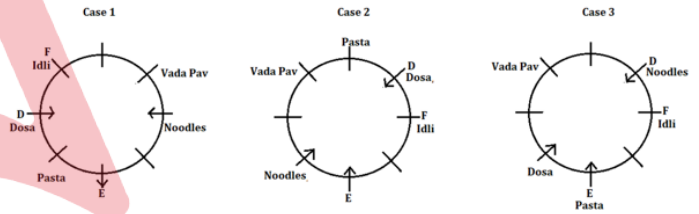


C doesn't like Vada Pav and doesn't face the one who likes Vada Pav. A is not an immediate neighbour of C. The one who likes Pizza doesn't face towards the centre of the circle. So, we have the final arrangement:



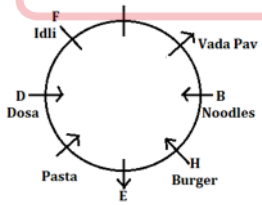
S154. Ans.(c)

Sol. As per the given conditions, the one who likes Vada Pav sits third to the left of E. F who likes Idli sits to the immediate left of D. D and F are not immediate neighbours of both E and the one who likes Vada Pav. D doesn't face outside the table. The one who likes Dosa and the one who likes Noodles face each other. E neither likes Dosa nor Noodles. So, here we have three possible cases i.e. case 1, case 2 and case 3. The one who likes Pasta sits to the immediate right of the one who likes Dosa.

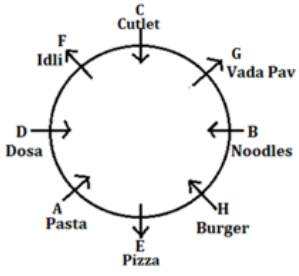


Immediate neighbours of E face same direction to each other but opposite to E. So, here case 2 and case 3 get eliminated. Two persons sit between D and H who likes Burger. Immediate neighbours of B like Burger and Vada Pav.

Case 1

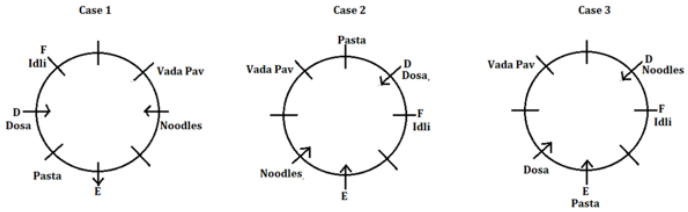


C doesn't like Vada Pav and doesn't face the one who likes Vada Pav. A is not an immediate neighbour of C. The one who likes Pizza doesn't face towards the centre of the circle. So, we have the final arrangement:

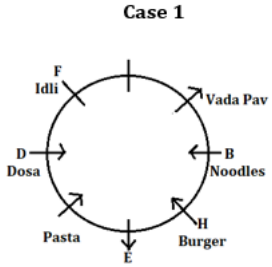


S155. Ans.(e)

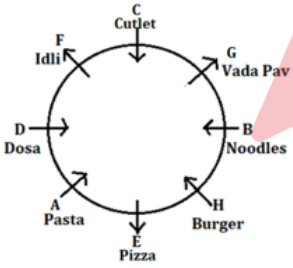
Sol. As per the given conditions, the one who likes Vada Pav sits third to the left of E. F who likes Idli sits to the immediate left of D. D and F are not immediate neighbours of both E and the one who likes Vada Pav. D doesn't face outside the table. The one who likes Dosa and the one who likes Noodles face each other. E neither likes Dosa nor Noodles. So, here we have three possible cases i.e. case 1, case 2 and case 3. The one who likes Pasta sits to the immediate right of the one who likes Dosa.



Immediate neighbours of E face same direction to each other but opposite to E. So, here case 2 and case 3 get eliminated. Two persons sit between D and H who likes Burger. Immediate neighbours of B like Burger and Vada Pav.

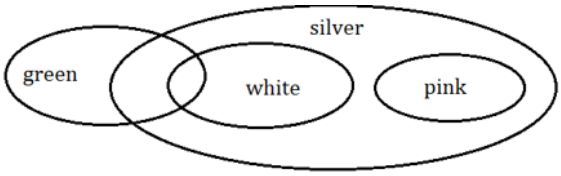


C doesn't like Vada Pav and doesn't face the one who likes Vada Pav. A is not an immediate neighbour of C. The one who likes Pizza doesn't face towards the centre of the circle. So, we have the final arrangement:



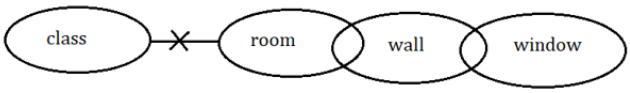
S156. Ans.(a)

Sol.



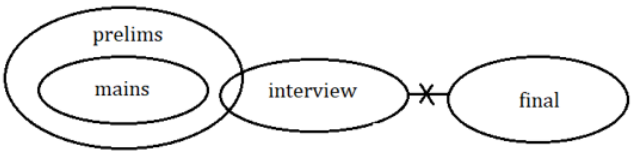
S157. Ans.(e)

Sol.



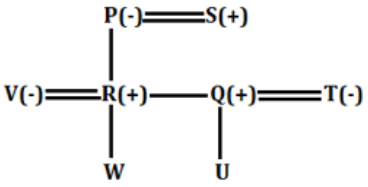
S158. Ans.(d)

Sol.



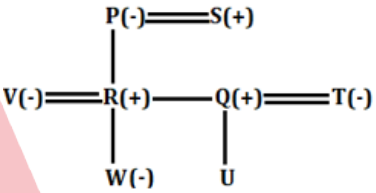
S159. Ans.(c)

Sol.



S160. Ans.(a)

Sol.



S161. Ans.(b)

Sol. I. F≤B (False)

II. I≤G (True)

S162. Ans.(a)

Sol. X<T (True)

II. L<X (False)

S163. Ans.(a)

Sol. W<M (True)

II. M≤W (False)

S164. Ans.(b)

Sol.

S165. Ans.(e)

Sol.

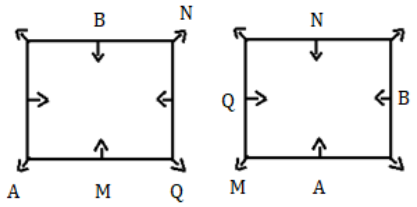
U > S/Q > S/Q > P > R > T

S166. Ans.(c)

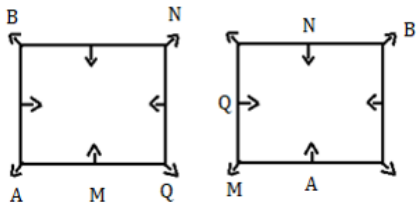
Sol. By using the given information:

A sits third to the right of the one who sits opposite to M. Q sits second to the left of A. B does not sit near to A and Q. N sits second to the left of Q. We have four possible cases for that Case1, Case1(a), Case2, Case2(a).

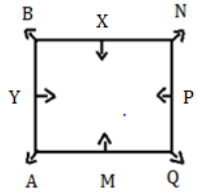
Case 1 Case 2



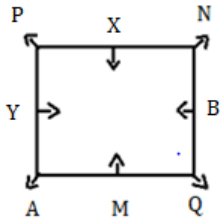
Case 1a Case 2a



P, who does not sit near to A and Y sits second to the right of X. X does not face outside the center. Now Case2, and Caes2(a) will be eliminated as we can't place P and Y. Now Case1 will be eliminated as we can't place X.



The one who sits immediate left of Q, sits opposite to the one sits immediate right of A after interchanging their position.

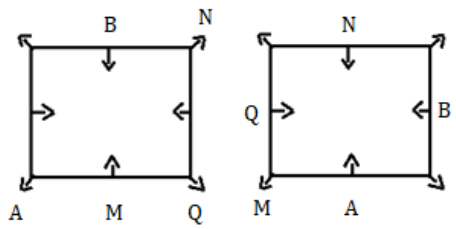


S167. Ans.(e)

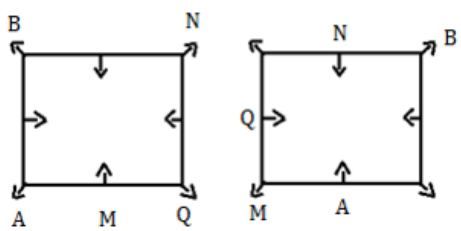
Sol. By using the given information:

A sits third to the right of the one who sits opposite to M. Q sits second to the left of A. B does not sit near to A and Q. N sits second to the left of Q. We have four possible cases for that Case1, Case1(a), Case2, Case2(a).

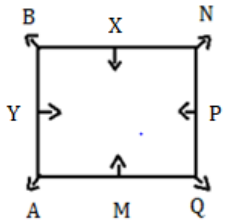
Case 1 Case 2



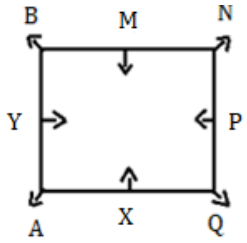
Case 1a Case 2a



P, who does not sit near to A and Y sits second to the right of X. X does not face outside the center. Now Case2, and Caes2(a) will be eliminated as we can't place P and Y. Now Case1 will be eliminated as we can't place X.



All of these

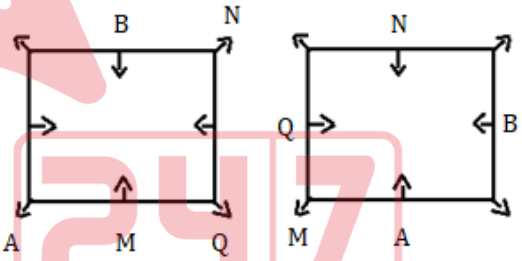


S168. Ans.(a)

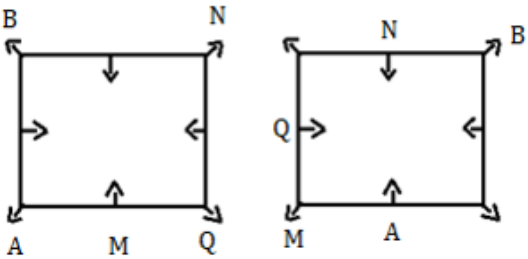
Sol. By using the given information:

A sits third to the right of the one who sits opposite to M. Q sits second to the left of A. B does not sit near to A and Q. N sits second to the left of Q. We have four possible cases for that Case1, Case1(a), Case2, Case2(a).

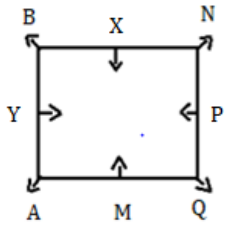
Case 1 Case 2



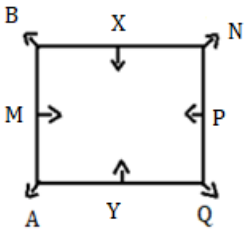
Case 1a Case 2a



P, who does not sit near to A and Y sits second to the right of X. X does not face outside the center. Now Case2, and Caes2(a) will be eliminated as we can't place P and Y. Now Case1 will be eliminated as we can't place X.



Adda247

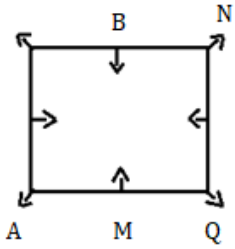


S169. Ans.(c)

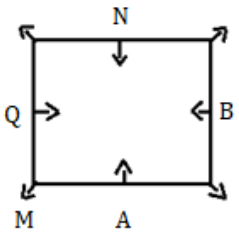
Sol. By using the given information:

A sits third to the right of the one who sits opposite to M. Q sits second to the left of A. B does not sit near to A and Q. N sits second to the left of Q. We have four possible cases for that Case1, Case1(a), Case2, Case2(a).

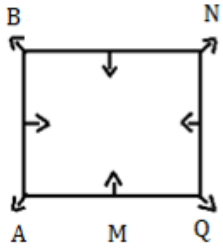
Case 1 Case 2

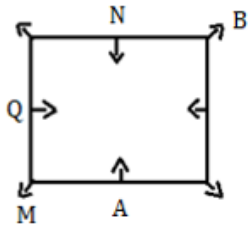


Case 1a

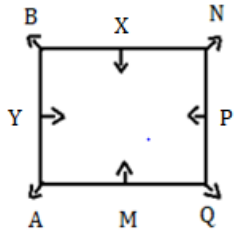


Case 2a





P, who does not sit near to A and Y sits second to the right of X. X does not face outside the center. Now Case2, and Caes2(a) will be eliminated as we can't place P and Y. Now Case1 will be eliminated as we can't place X.

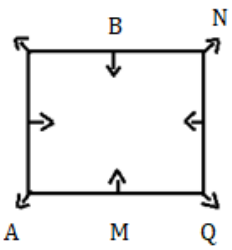


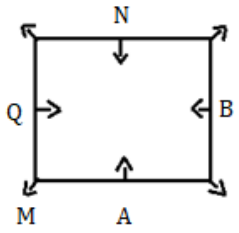
S170. Ans.(d)

Sol. By using the given information:

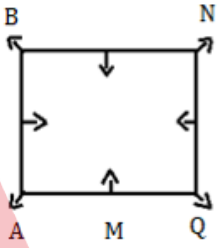
A sits third to the right of the one who sits opposite to M. Q sits second to the left of A. B does not sit near to A and Q. N sits second to the left of Q. We have four possible cases for that Case1, Case1(a), Case2, Case2(a).

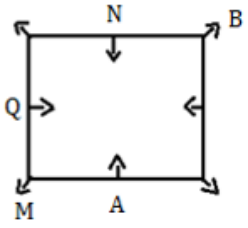
Case 1 Case 2



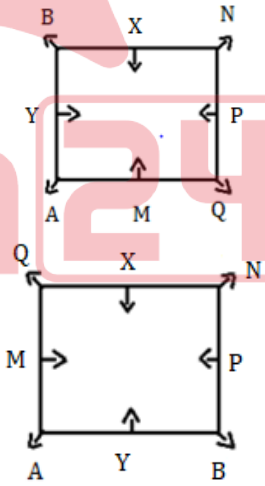


Case 1a Case 2a





P, who does not sit near to A and Y sits second to the right of X. X does not face outside the center. Now Case2, and Caes2(a) will be eliminated as we can't place P and Y. Now Case1 will be eliminated as we can't place X.



S171. Ans.(c)

Sol. Input: T 1 $ B 4 % N 6 K & 3 L * 2 O (7 C 9 D β X @ # S P ® 8 5 Z ∞ A

Step I: T $ B % N 6 K & L * O 1 2 3 4 7 8 (C 9 D β X @ # S P ® 5 Z ∞ A

Step II: T $ B % 6 K C N O & L * 1 2 3 4 7 8 (9 D β X @ # S P ® 5 Z ∞ A

Step III: $ T % B 6 K C N & O * L 1 2 3 4 7 8 (9 β D @ X # S ® P 5 ∞ Z A

B6 , L1, P5

S172. Ans.(d)

Sol. Input: T 1 $ B 4 % N 6 K & 3 L * 2 O (7 C 9 D β X @ # S P ® 8 5 Z ∞ A

Step I: T $ B % N 6 K & L * O 1 2 3 4 7 8 (C 9 D β X @ # S P ® 5 Z ∞ A

Step II: T $ B % 6 K C N O & L * 1 2 3 4 7 8 (9 D β X @ # S P ® 5 Z ∞ A

Step III: $ T % B 6 K C N & O * L 1 2 3 4 7 8 (9 β D @ X # S ® P 5 ∞ Z A

S173. Ans.(a)

Sol. Input: T 1 $ B 4 % N 6 K & 3 L * 2 O (7 C 9 D β X @ # S P ® 8 5 Z ∞ A

Step I: T $ B % N 6 K & L * O 1 2 3 4 7 8 (C 9 D β X @ # S P ® 5 Z ∞ A

Step II: T $ B % 6 K C N O & L * 1 2 3 4 7 8 (9 D β X @ # S P ® 5 Z ∞ A

Step III: $ T % B 6 K C N & O * L 1 2 3 4 7 8 (9 β D @ X # S ® P 5 ∞ Z A

S174. Ans.(b)

Sol. Input: T 1 $ B 4 % N 6 K & 3 L * 2 O (7 C 9 D β X @ # S P ® 8 5 Z ∞ A

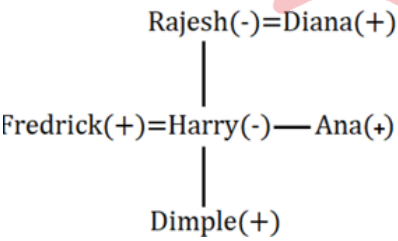
Step I: T $ B % N 6 K & L * O 1 2 3 4 7 8 (C 9 D β X @ # S P ® 5 Z ∞ A

Step II: T $ B % 6 K C N O & L * 1 2 3 4 7 8 (9 D β X @ # S P ® 5 Z ∞ A

Step III: $ T % B 6 K C N & O * L 1 2 3 4 7 8 (9 β D @ X # S ® P 5 ∞ Z A

S175. Ans.(d)

Sol.



S176. Ans.(e)

Sol. I. Z#V (True)

II. R©Y(True)

III. S#T(False)

S177. Ans.(b)

Sol. I. H#F (False)

II. T#D(True)

III. H#C(False)

S178. Ans.(e)

Sol. Words formed by using letters E, T, N, R= Rent and tern

3	
6	B
9	
12	D
15	
18	E
21	**T**
24	L
27	
30	N
33	
36	R
39	
42	U
45	

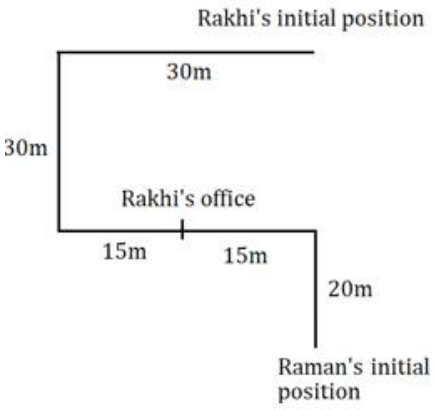
S179. Ans.(a)

Sol. Number of letters between D and U (according to the English alphabetical series)= 16

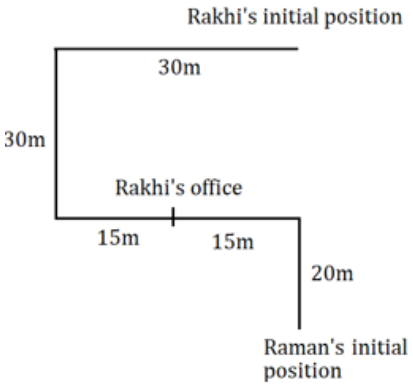
3	
6	B
9	
12	**D**
15	
18	E
21	
24	L
27	
30	N
33	
36	R
39	
42	**U**
45	

S180. Ans.(a)

Sol.



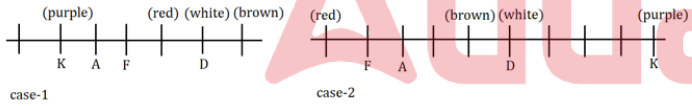
S181. Ans.(b)
Sol.



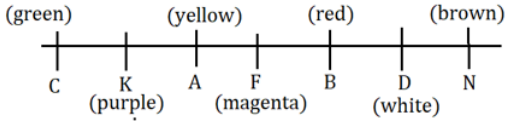
S182. Ans.(a)
Sol. Statement II is cause and Statement I is its effect. As statement II states that 70 million people will die of AIDS in upcoming time in worst affected countries and statement I states that officials donated some amount to the global AIDS fund and it will help 2 million people for their treatment so it is an effect which will turn out from the report of UN.

S183. Ans.(a)
Sol. Statement II is the cause and Statement I is its effect as after the fire burned out in eastern Goma, its people were forced to relocate to Rwanda.

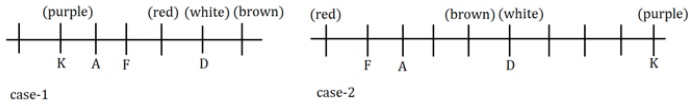
S184. Ans.(b)
Sol. From the given statement, only two persons sit to the left of A. D who likes white sits third to the right of A. Only three persons sit between D and K who likes purple. So, we have two possible cases. Four persons sit between K and the one who likes brown. The one who like brown is an immediate neighbor of D. F is an immediate neighbor of both A and the one who likes red.



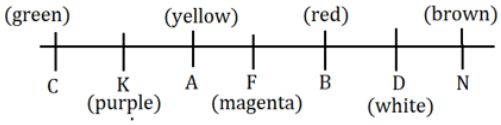
Only three persons sit between C and the one who likes red. C who likes green is an immediate neighbor of K. So case-2 is eliminated. B sits second to the left of N. B is an immediate neighbor of F. A does not like Magenta and red. F does not like yellow. No one sits to the right of N means A likes Yellow and F likes Magenta. Hence the final arrangement is:



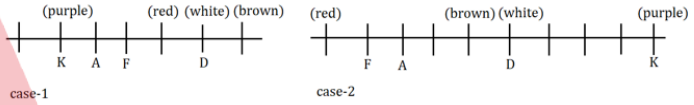
S185. Ans.(c)
Sol. From the given statement, only two persons sit to the left of A. D who likes white sits third to the right of A. Only three persons sit between D and K who likes purple. So, we have two possible cases. Four persons sit between K and the one who likes brown. The one who like brown is an immediate neighbor of D. F is an immediate neighbor of both A and the one who likes red.



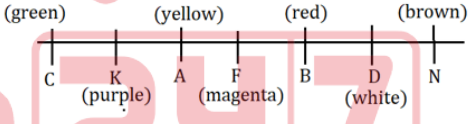
Only three persons sit between C and the one who likes red. C who likes green is an immediate neighbor of K. So case-2 is eliminated. B sits second to the left of N. B is an immediate neighbor of F. A does not like Magenta and red. F does not like yellow. No one sits to the right of N means A likes Yellow and F likes Magenta. Hence the final arrangement is:



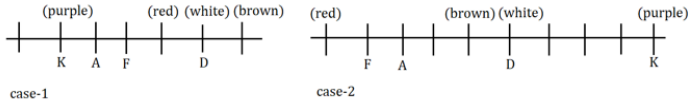
S186. Ans.(a)
Sol. From the given statement, only two persons sit to the left of A. D who likes white sits third to the right of A. Only three persons sit between D and K who likes purple. So, we have two possible cases. Four persons sit between K and the one who likes brown. The one who like brown is an immediate neighbor of D. F is an immediate neighbor of both A and the one who likes red.



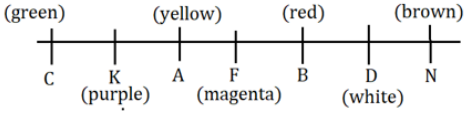
Only three persons sit between C and the one who likes red. C who likes green is an immediate neighbor of K. So case-2 is eliminated. B sits second to the left of N. B is an immediate neighbor of F. A does not like Magenta and red. F does not like yellow. No one sits to the right of N means A likes Yellow and F likes Magenta. Hence the final arrangement is:



S187. Ans.(d)
Sol. From the given statement, only two persons sit to the left of A. D who likes white sits third to the right of A. Only three persons sit between D and K who likes purple. So, we have two possible cases. Four persons sit between K and the one who likes brown. The one who like brown is an immediate neighbor of D. F is an immediate neighbor of both A and the one who likes red.

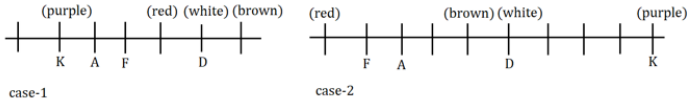


Only three persons sit between C and the one who likes red. C who likes green is an immediate neighbor of K. So case-2 is eliminated. B sits second to the left of N. B is an immediate neighbor of F. A does not like Magenta and red. F does not like yellow. No one sits to the right of N means A likes Yellow and F likes Magenta. Hence the final arrangement is:

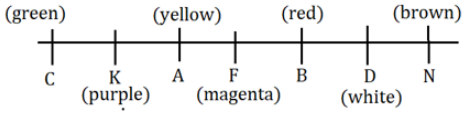


S188. Ans.(c)

Sol. From the given statement, only two persons sit to the left of A. D who likes white sits third to the right of A. Only three persons sit between D and K who likes purple. So, we have two possible cases. Four persons sit between K and the one who likes brown. The one who like brown is an immediate neighbor of D. F is an immediate neighbor of both A and the one who likes red.



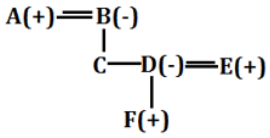
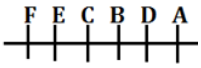
Only three persons sit between C and the one who likes red. C who likes green is an immediate neighbor of K. So case-2 is eliminated. B sits second to the left of N. B is an immediate neighbor of F. A does not like Magenta and red. F does not like yellow. No one sits to the right of N means A likes Yellow and F likes Magenta. Hence the final arrangement is:



S189. Ans.(e)

Sol. From both I and II we get to know that D4 was released immediate before D3.

Movies
D2
D4
D3
D5
D1

S190. Ans.(e)

Sol. From both I and II we get to know that F sits at the extreme left end.