All India Mock for UIIC Assistant 2024 (13-14 January)

Directions (1-5): In each question below, some statements are given followed by some conclusions. You have to assume everything in the statements to be true even if they seem to be at variance with commonly known facts and then find out which of the given conclusions logically follow from the statements, disregarding commonly known facts. Give answer:

Q1. Statements:
Some flowers are roses.
No tulip is roses.
Only flowers are lily.
Conclusions:
I. All roses being lily is a possibility.
II. No tulip being lily is a possibility.
(a) Only II follows
(b) Only I follows
(c) Both I and II follow
(d) Neither I nor II follows
(e) Either I or II follows

Q2. Statements:
Only bicycles are cars.
Some bicycles are motorcycles.
All motorcycles are trucks.
No truck is a boat.
Conclusions:
I. No bicycles are boat.
II. Some motorcycles are not boat.
III. All cars are not trucks.
(a) Only I follows
(b) Only II follows
(c) Only II and III follow
(d) Only I and II follow
(e) Only III follows

Q3. Statements:
All pens are notebooks.
All notebooks are pencils.
Some erasers are pencils.
Conclusions:
I. Some erasers can be pens.
II. Some notebooks are erasers.
III. All pencils can be pens.
(a) Only I and III follow
(b) Only III follows
(c) Only II follow
(d) All I, II, III follow
(e) Only I and II follow

Q4. Statements:
Some rivers are mountains.
All mountains are valleys.
Only a few valleys are lakes.
No lake is a desert.
Conclusions:
I. All mountains can be lakes.
II. No rivers being lake is a possibility.
III. Some desert being valley is a possibility.
IV. Some mountains are not desert.
(a) Only II and IV follow
(b) Only I, II and III follow
(c) Only I and III follow
(d) Only II, III and IV follow
(e) Only I and II follow

Q5. Statements:
Some cars are buses.
All buses are trains.
Some trains are planes.
Only trains are boats.
Conclusions:
I. Some boats are cars.
II. No boats are cars.
(a) Only I follows
(b) Either I or II follows
(c) Only II follows
(d) Neither I nor II follows
(e) Both I and II follow

Directions (6-10): In each of the given questions, some statements have been given followed by two conclusions. Find which of the given conclusions is true:

Q6. Statements:
A ≤ R = M > T < G = H; U > Y = T ≤ L < K
Conclusions:
I. K > M
II. A ≤ K
(a) Either I or II is true
(b) Neither I nor II is true
(c) Only I is true
(d) Only II is true
(e) Both I and II are true

Q7. Statements:
F = J < V > E = C ≤ Z; Q ≤ E > N ≥ L
Conclusions:
I. Q ≤ J
II. L < V
(a) Either I or II is true
(b) Neither I nor II is true
(c) Only I is true
(d) Only II is true
(e) Both I and II are true

Q8. Statements:
X ≥ Z = B ≤ E > R = T; M < R ≤ U < S
Conclusions:
I. S > Z
II. X ≥ M
(a) Either I or II is true
(b) Neither I nor II is true
(c) Only I is true
(d) Only II is true
(e) Both I and II are true

Q9. Statements:
P ≥ L = W > N = D; H > Y ≤ O = L >G
Conclusions:
I. G < W
II. P ≥ H
(a) Either I or II is true
(b) Neither I nor II is true
(c) Only I is true
(d) Only II is true
(e) Both I and II are true

Q10. Statements:
T ≤ V = G > S ≥ K = M; E < G ≤ R < J
Conclusions:
I. J > S
II. M < R
(a) Either I or II is true
(b) Neither I nor II is true
(c) Only I is true
(d) Only II is true
(e) Both I and II are true

Directions (11-15): Read the given information carefully and answer the questions based on it:
Eight persons live on different floors of an 8-floor building where floors are numbered as 1 to 8 from bottom to top respectively. Each person belongs to different cities.
G lives on the 7th floor. The person who is from Delhi lives on an even-numbered floor but not on the 2nd floor. The number of persons live between G and the person who is from Delhi is one less then than the number of persons live below C. Three floors gap between C and the one who is from Pune. The person who is from Mumbai lives just above A who does not live on prime numbered floors. Sum of the floor numbers of A and H is same as the floor number of the person who is from Chennai. B lives just above F and just below the person who is from Surat. D is from Jaipur. E is not from Nagpur but lives above the person who is from Agra and both live on even numbered floor.

Q11. How many persons live between E and H?
(a) Three
(b) Four
(c) Five
(d) Two
(e) One

Q12. The person who is from Surat live on which floor?
(a) Floor 3
(b) Floor 7
(c) Floor 4
(d) Floor 6
(e) None of the above

Q13. F is from which of the following cities?
(a) Chennai
(b) Pune
(c) Nagpur
(d) Agra
(e) Jaipur

Q14. Which of the following combination is not correct?
(a) A - Nagpur
(b) C - Mumbai
(c) H - Agra
(d) E - Pune
(e) G – Surat

Q15. Who among the following person belongs to Agra?
(a) The one who lives just below D
(b) The one who lives two floors above B
(c) The one who lives on 4th floor
(d) A
(e) F

Directions (16-17): Read the given information carefully and answer the questions based on it:
Priya starts from point X and walks 20 meters to the North. She then turns to her right and walks 30 meters. She then turns to her left and walks 10 meters. After this, Priya turns to her left again and walks 20 meters. She then takes a right turn and walks 15 meters. Following this, she turns to her right again and walks 35 meters. Finally, Priya turns to her left and walks 15 meters to reach point Y.

Q16. In which direction is Priya (final position) from her starting point X?
(a) North
(b) North-east
(c) South-west
(d) South
(e) South-east

Q17. What is the total distance between point X and point Y?
(a) 130m
(b) 145m
(c) 150m
(d) 140m
(e) 135m

Directions (18-20): Read the given information carefully and answer the questions based on it:
A is the husband of B. C is the grandson of B. A and B have only one child (daughter) who is married to D's child. D has two children, one son and one daughter. I is married to D's son. E is the niece of G and she is I's child. G and H are children of D. F is mother of H. Only consider the given persons.

Q18. How is D related to C?
(a) Grandmother
(b) Aunt
(c) Grandfather
(d) Uncle
(e) Can't be determined

Q19. How many females are in the family?
(a) Three
(b) Four
(c) Five
(d) Six
(e) Can't be determined

Q20. Who is grandchild of F?
(a) E
(b) I
(c) I's spouse
(d) Both E and C
(e) C

Directions (21-25): Read the given information carefully and answer the questions based on it:
There are 8 people: A, B, C, D, E, F, G, and H. They are sitting in a circle, but not necessarily in alphabetical order. Some are facing the center of the circle, while others are facing outward.
A is facing the center and is sitting third to the right of D. E is sitting immediately to the right of A. G is facing outward and is not sitting next to E or A. F is sitting to the immediate left of G. C and F are sitting directly opposite each other. C is facing outward and is sitting two places to the right of B. H and his neighbors are facing same direction as E.

Q21. Which of the following is true about F's position?
(a) F is facing the center.
(b) F is sitting immediately to the left of A.
(c) F is not sitting next to H.
(d) F is sitting second to the right of E.
(e) F is sitting second to the left of D.

Q22. Who is sitting third to the right of H?
(a) D
(b) B
(c) C
(d) E
(e) F

Q23. What is the position of B relative to A?
(a) Immediately to the left
(b) Second to the right
(c) Third to the right
(d) Directly opposite
(e) Second to the left

Q24. Four of the following five are similar in a certain manner and form a group, who among the following is dissimilar to others?
(a) H
(b) F
(c) E
(d) A
(e) B

Q25. If E and B interchange their positions, then how many persons will sit between G and E when counted from the right of G?
(a) None
(b) One
(c) Two
(d) Four
(e) Six

Directions (26-30): Read the given alphanumeric-symbol series carefully and answer the related questions:

7 G # K 2 & L 3 * W 5 @ N 8 $ Y 1 ! Q 9 ^ E 4 % R 0 J M 6 Z U I X C A % D

Q26. What is the 5th number to the right of '$' in the series?
(a) 1
(b) 4
(c) 0
(d) 6
(e) 9

Q27. How many letters are there in the series which are immediately followed by a symbol?
(a) Three
(b) Four
(c) Five
(d) Six
(e) Two

Q28. Which element is exactly in the middle of the 10th element from the left end and the 8th element from the right end in the series?
(a) %
(b) 4
(c) E
(d) Q
(e) 9

Q29. If all the symbols are removed from the series, which element will be 6th to the left of the 15th element from the left end?
(a) 8
(b) N
(c) W
(d) 5
(e) J

Q30. How many such numbers are there in the series each of which is immediately preceded by a symbol?
(a) One
(b) Two
(c) Three
(d) Four
(e) None

Directions (31-35): Read the given information carefully and answer the questions based on it:
In a certain code language,
'Stars brighten night sky' is coded as 'du pa lo zi'
'Sky having beautiful stars' is coded as 'zi mo na pa'
'Brighten day with stars' is coded as 'du qi pa ka'
'Beautiful day and night' is coded as 'lo qi na ye'

Q31. How is 'stars' coded?
(a) lo
(b) mo
(c) du
(d) pa
(e) na

Q32. What does 'du' stand for?
(a) Stars
(b) Brighten
(c) Sky
(d) Day
(e) Night

Q33. What will be the code for 'Beautiful sky'?
(a) zi ka
(b) na zi
(c) mo zi
(d) qi mo
(e) ka lo

Q34. How is 'with' coded?
(a) du
(b) qi
(c) na
(d) ka
(e) pa

Q35. Which of the following pair is correct?
(a) Sky - qi
(b) Having - ye
(c) Night - lo
(d) Day - zi
(e) Stars - na

Directions (36-40): Read the given information carefully and answer the questions based on it:

Seven boxes - A, B, C, D, E, F, and G are arranged in a stack with the bottommost box numbered as one and the topmost box as seven. Each box is of different color: Orange, Black, Violet, Silver, Gold, Brown and Cyan. Not all information is provided in the same order.

Box C is placed three boxes below the gold box. Box C is not at the bottommost position. The number of boxes above the gold box is equal to the number of boxes below the silver box. The violet box is placed immediately above the orange box. Box C is neither violet nor orange box. Box D is placed immediately below the box that is positioned three boxes above the brown box. Box D is placed above violet box. Box E is positioned two boxes below the black box. Box G is placed just above box A. Box B is neither Gold nor cyan box.

Q36. Which box is placed at the bottommost position?
(a) Box A
(b) Box B
(c) Cyan box
(d) Box F
(e) Box E

Q37. What is the color of Box G?
(a) Orange
(b) Cyan
(c) Violet
(d) Silver
(e) Brown

Q38. What is the position number of cyan box?
(a) Number 3
(b) Number 6
(c) Number 4
(d) Number 2
(e) Number 5

Q39. Which of the following pairs of boxes are adjacent to each other?
(a) Box A and Box B
(b) Box B and Box C
(c) Box C and Box D
(d) Box D and Box E
(e) Box E and Box F

Q40. How many boxes are placed above box B?
(a) One
(b) Two
(c) Three
(d) Four
(e) Five

Directions (41-49): Read the following passage and answer the given questions.

In the labyrinth of global finance, bank mergers stand as colossal milestones, reshaping the landscape with each union. These mergers are not mere business transactions but strategic moves that redefine market dynamics, influence economies, and alter the balance of financial power. At their core, bank mergers are driven by the pursuit of efficiency, market expansion, and enhanced competitive edge. However, beneath this surface lies a complex web of implications for stakeholders ranging from shareholders to the average customer.

Through consolidation, banks aim to achieve economies of scale, hoping to lower costs and increase profitability. This is particularly vital in an era marked by intense competition and technological advancements. Mergers also offer banks access to new markets, diversifying their customer base and spreading their operational risks. Furthermore, the amalgamation of technological resources post-merger can lead to innovative financial services, benefiting consumers.

However, these mergers are not without their challenges. They often lead to a concentration of market power, which can stifle competition and lead to higher fees and interest rates for consumers. Regulatory hurdles are another significant aspect, as governments and financial authorities scrutinize these deals for potential threats to economic stability and consumer interests. Lastly, the cultural integration of merging entities poses a substantial challenge, often determining the success or failure of the merger.

In conclusion, bank mergers are multifaceted phenomena that reflect the evolving narrative of the financial world. They are a dance of strategic prowess and economic foresight, intertwined with regulatory scrutiny and the pursuit of innovation.

Q41. What are the primary drivers behind bank mergers, as mentioned in the passage?
(a) To overcome regulatory challenges
(b) To achieve economies of scale and market expansion
(c) To focus solely on technological advancement
(d) To address customer service issues
(e) To reduce the number of employees

Q42. According to the passage, what is a significant challenge that arises from bank mergers?
(a) Inability to integrate technological resources
(b) Lack of interest from shareholders
(c) Concentration of market power leading to possible higher fees for consumers
(d) Immediate economic instability
(e) Reduction in the number of available banking services

Q43. How do bank mergers potentially benefit consumers, as suggested in the passage?
(a) By providing a wider range of financial services
(b) By reducing the overall costs of banking services
(c) By ensuring more personalized customer service
(d) By leading to the creation of new banks
(e) By guaranteeing lower interest rates on loans

Q44. What role do regulatory authorities play in bank mergers, based on the information in the passage?
(a) They facilitate the merger process for banks
(b) They scrutinize mergers for potential threats to economic stability and consumer interests
(c) They provide financial aid for mergers
(d) They primarily focus on international mergers
(e) They have no significant role in the merger process

Q45. Identify the INCORRECT statement from the options.
(a) Bank mergers are driven by the pursuit of efficiency and market expansion.
(b) One of the challenges of bank mergers is the potential stifling of competition.
(c) Mergers lead to an automatic reduction in banking service fees.
(d) The cultural integration of merging entities can determine the success of the merger.
(e) Regulatory bodies scrutinize bank mergers for economic stability and consumer interests.

Q46. How does the passage describe the impact of bank mergers on competition?
(a) They have no significant impact on competition
(b) They increase competition by introducing new players
(c) They may stifle competition and lead to higher fees for consumers
(d) They always lead to fair competition
(e) They reduce competition due to regulatory challenges

Q47. Choose the synonym of the word 'colossal' as used in the passage.
(a) Tiny
(b) Massive
(c) Insignificant
(d) Negligible
(e) Minute

Q48. Choose the antonym of the word 'amalgamation' as used in the passage.
(a) Union
(b) Separation
(c) Combination
(d) Fusion
(e) Integration

Q49. Identify the CORRECT statement from the options.
(a) Bank mergers primarily focus on reducing the workforce to cut costs.
(b) The integration of technological resources is a key benefit of bank mergers.
(c) Bank mergers guarantee lower interest rates for loans.
(d) Shareholders generally show a lack of interest in bank mergers.
(e) Regulatory authorities have no significant role in the merger process.

Directions (50-54): Given below are two statements in each question. Each statement has one blank which will be filled in with the same word. Select the word that fits in appropriately in both the blanks to make both the sentences grammatically correct and contextually meaningful.

Q50. (A) The writer _____ a new genre in literature with her innovative style.
(B) The architect _____ a trend in sustainable building design.
(a) supplanted
(b) pioneered
(c) marred
(d) negated
(e) curtailed

Q51. (A) The CEO _____ a new era of digital transformation for the company.
(B) Ancient rituals often _____ young warriors into their roles with symbolic ceremonies.
(a) obliterated
(b) inaugurated
(c) rescinded
(d) extinguished
(e) vacated

Q52. (A) The company's board _____ a new policy to enhance workplace diversity.
(B) The king _____ a set of laws that would change the kingdom's history forever.
(a) revoked
(b) demolished
(c) ratified
(d) nullified
(e) instituted

Q53. (A) The new law _____ a significant change in the way environmental policies are implemented.
(B) Ancient philosophers often _____ debates on existential topics.
(a) prohibited
(b) stimulated
(c) mitigated
(d) destroyed
(e) circumvented

Q54. (A) The artist's work _____ a new movement in contemporary art.
(B) Revolutionary ideas often _____ significant shifts in cultural perspectives.
(a) obliterated
(b) transcend
(c) heralded
(d) annihilated
(e) suppressed

Directions (55-62): In each of the questions given below, a sentence is given which is then divided into five parts out of which one part given in bold is correct. There may or may not be errors in remaining part(s) of the sentence. You must choose the incorrect part(s) as your answer. If all the parts are correct along with the highlighted part, choose option "all are correct" as your answer choice.

Q55. Every students (A)/ in the class (B)/ was required (C)/ to submit their projects (D)/ by the end of the week. (E)
(a) Every students
(b) In the class
(c) by the end of the week
(d) To submit their projects
(e) All are correct.

Q56. The number of (A)/ people applying (B)/ for the job (C)/ were surprisingly high (D)/ this year. (E)
(a) The number of
(b) People applying
(c) For the job
(d) Were surprisingly high
(e) All are correct.

Q57. There is (A)/ a variety of reasons (B)/ why we should not (C)/ proceed with (D)/ the plan. (E)
(a) There is
(b) A variety of reasons
(c) Why we should not
(d) Proceed with
(e) All are correct.

Q58. His abilities (A)/ in mathematics (B)/ is well-known (C)/ in the academic community (D)/ across the country. (E)
(a) His abilities
(b) In mathematics
(c) Is well-known
(d) In the academic community
(e) All are correct.

Q59. One of the (A)/ most important aspects (B)/ of learning English (C)/ are the understanding (D)/ of its grammar rules. (E)
(a) One of the
(b) Most important aspects
(c) Of learning English
(d) Are the understanding
(e) All are correct.

Q60. Neither of the (A)/ two solutions (B)/ proposed by the committee (C)/ seems to be (D)/ effective in solving the issue. (E)
(a) Neither of the
(b) Two solutions
(c) Proposed by the committee
(d) Seems to be
(e) All are correct.

Q61. Many of the (A)/ participants who (B)/ has completed the survey (C)/ expressed satisfaction (D)/ with the process. (E)
(a) Many of the
(b) Participants who
(c) Has completed the survey
(d) Expressed satisfaction
(e) All are correct.

Q62. The committee (A)/ are planning to (B)/ introduce new guidelines (C)/ that will benefit (D)/ all members of the organization. (E)
(a) The committee
(b) Are planning to
(c) Introduce new guidelines
(d) That will benefit
(e) All are correct.

Directions (63-69): In the following passage, some of the words have been left out, each of which is indicated by a number. Find the suitable word from the options given against each number and fill up the blanks with appropriate words to make the paragraph meaningfully complete.

Q63. The global economy is inherently subject to cycles of expansion and contraction. In periods of economic growth, the gross domestic product (GDP) of countries tends to _____(63), leading to increased employment and consumer spending. However, this growth is not indefinite; eventually, the economy hits a point of _____(64), where growth stagnates or starts to decline. This is often followed by a period of economic _____(65), marked by reduced consumer spending, increased unemployment, and declining business profits.

To counteract these downturns, governments and central banks often implement monetary and fiscal policies. One common strategy is to _____(66) interest rates, making borrowing cheaper and encouraging investment and spending. Alternatively, governments may increase public _____(67) to stimulate the economy. These measures aim to shorten the duration of the recession and _____(68) the impacts on the economy.

However, these interventions must be carefully calibrated. If mismanaged, they can lead to unintended consequences like inflation or increased national _____(69), which can further complicate economic recovery.
(a) stagnate
(b) soar
(c) plummet
(d) fluctuate
(e) freeze

Q64. The global economy is inherently subject to cycles of expansion and contraction. In periods of economic growth, the gross domestic product (GDP) of countries tends to _____(63), leading to increased employment and consumer spending. However, this growth is not indefinite; eventually, the economy hits a point of _____(64), where growth stagnates or starts to decline. This is often followed by a period of economic _____(65), marked by reduced consumer spending, increased unemployment, and declining business profits.
To counteract these downturns, governments and central banks often implement monetary and fiscal policies. One common strategy is to _____(66) interest rates, making borrowing cheaper and encouraging investment and spending. Alternatively, governments may increase public _____(67) to stimulate the economy. These measures aim to shorten the duration of the recession and _____(68) the impacts on the economy.
However, these interventions must be carefully calibrated. If mismanaged, they can lead to unintended consequences like inflation or increased national _____(69), which can further complicate economic recovery.
(a) acceleration
(b) peak
(c) decline
(d) expansion
(e) stability

Q65. The global economy is inherently subject to cycles of expansion and contraction. In periods of economic growth, the gross domestic product (GDP) of countries tends to _____(63), leading to increased employment and consumer spending. However, this growth is not indefinite; eventually, the economy hits a point of _____(64), where growth stagnates or starts to decline. This is often followed by a period of economic _____(65), marked by reduced consumer spending, increased unemployment, and declining business profits.
To counteract these downturns, governments and central banks often implement monetary and fiscal policies. One common strategy is to _____(66) interest rates, making borrowing cheaper and encouraging investment and spending. Alternatively, governments may increase public _____(67) to stimulate the economy. These measures aim to shorten the duration of the recession and _____(68) the impacts on the economy.
However, these interventions must be carefully calibrated. If mismanaged, they can lead to unintended consequences like inflation or increased national _____(69), which can further complicate economic recovery.
(a) boom
(b) growth
(c) prosperity
(d) recession
(e) surge

Q66. The global economy is inherently subject to cycles of expansion and contraction. In periods of economic growth, the gross domestic product (GDP) of countries tends to _____(63), leading to increased employment and consumer spending. However, this growth is not indefinite; eventually, the economy hits a point of _____(64), where growth stagnates or starts to decline. This is often followed by a period of economic _____(65), marked by reduced consumer spending, increased unemployment, and declining business profits.
To counteract these downturns, governments and central banks often implement monetary and fiscal policies. One common strategy is to _____(66) interest rates, making borrowing cheaper and encouraging investment and spending. Alternatively, governments may increase public _____(67) to stimulate the economy. These measures aim to shorten the duration of the recession and _____(68) the impacts on the economy.
However, these interventions must be carefully calibrated. If mismanaged, they can lead to unintended consequences like inflation or increased national _____(69), which can further complicate economic recovery.
(a) escalate
(b) maintain
(c) abolish
(d) increase
(e) decrease

Q67. The global economy is inherently subject to cycles of expansion and contraction. In periods of economic growth, the gross domestic product (GDP) of countries tends to _____(63), leading to increased employment and consumer spending. However, this growth is not indefinite; eventually, the economy hits a point of _____(64), where growth stagnates or starts to decline. This is often followed by a period of economic _____(65), marked by reduced consumer spending, increased unemployment, and declining business profits.

To counteract these downturns, governments and central banks often implement monetary and fiscal policies. One common strategy is to _____(66) interest rates, making borrowing cheaper and encouraging investment and spending. Alternatively, governments may increase public _____(67) to stimulate the economy. These measures aim to shorten the duration of the recession and _____(68) the impacts on the economy.

However, these interventions must be carefully calibrated. If mismanaged, they can lead to unintended consequences like inflation or increased national _____(69), which can further complicate economic recovery.

(a) taxes
(b) interest
(c) spending
(d) profits
(e) debts

Q68. The global economy is inherently subject to cycles of expansion and contraction. In periods of economic growth, the gross domestic product (GDP) of countries tends to _____(63), leading to increased employment and consumer spending. However, this growth is not indefinite; eventually, the economy hits a point of _____(64), where growth stagnates or starts to decline. This is often followed by a period of economic _____(65), marked by reduced consumer spending, increased unemployment, and declining business profits.

To counteract these downturns, governments and central banks often implement monetary and fiscal policies. One common strategy is to _____(66) interest rates, making borrowing cheaper and encouraging investment and spending. Alternatively, governments may increase public _____(67) to stimulate the economy. These measures aim to shorten the duration of the recession and _____(68) the impacts on the economy.

However, these interventions must be carefully calibrated. If mismanaged, they can lead to unintended consequences like inflation or increased national _____(69), which can further complicate economic recovery.

(a) exacerbate
(b) ignore
(c) observe
(d) prolong
(e) alleviate

Q69. The global economy is inherently subject to cycles of expansion and contraction. In periods of economic growth, the gross domestic product (GDP) of countries tends to _____(63), leading to increased employment and consumer spending. However, this growth is not indefinite; eventually, the economy hits a point of _____(64), where growth stagnates or starts to decline. This is often followed by a period of economic _____(65), marked by reduced consumer spending, increased unemployment, and declining business profits.

To counteract these downturns, governments and central banks often implement monetary and fiscal policies. One common strategy is to _____(66) interest rates, making borrowing cheaper and encouraging investment and spending. Alternatively, governments may increase public _____(67) to stimulate the economy. These measures aim to shorten the duration of the recession and _____(68) the impacts on the economy.

However, these interventions must be carefully calibrated. If mismanaged, they can lead to unintended consequences like inflation or increased national _____(69), which can further complicate economic recovery.

(a) investments
(b) assets
(c) surplus
(d) debt
(e) wealth

Directions (70-75): Read the following passage and answer the given questions.

In India, a nation where agriculture is not just an occupation but the backbone of its economy, the state of farmers reflects broader socio-economic realities. Indian farmers, constituting approximately 58% of the population, grapple with a multitude of challenges. These range from erratic weather patterns exacerbated by climate change to burdensome debts due to high input costs and inadequate pricing mechanisms for their produce. Furthermore, the small landholdings, accounting for 86% of the total, significantly limit economies of scale, thereby impeding profitability.

Despite the government's efforts through various schemes like the Pradhan Mantri Kisan Samman Nidhi (PM-KISAN), which aims to provide income support, and the National Agriculture Market (e-NAM) intended to ensure better prices through a digital marketplace, the impact on the ground remains limited. Structural issues like lack of access to modern technology, inadequate storage and transportation facilities, and an overdependence on monsoon rains continue to overshadow these initiatives.

Moreover, the recent shifts towards industrialization and urbanization have further complicated the agricultural landscape. The young generation is increasingly disenchanted with farming, leading to a decline in agricultural workforce and knowledge transference. As a result, the plight of Indian farmers is a complex interplay of environmental, economic, and social factors, requiring multifaceted solutions that address both immediate hardships and long-term sustainability.

Q70. What does the passage primarily suggest about the state of Indian farmers?
(a) It revolves around the impact of government schemes like PM-KISAN and e-NAM, which have successfully alleviated the hardships of farmers by providing financial support and better market access.
(b) The primary issue for Indian farmers is the erratic weather patterns caused by climate change, which has severely affected their agricultural output and economic stability.
(c) Indian farmers face a range of challenges, including climate change, debt, small landholdings, and structural issues, despite government efforts to improve their situation.
(d) The decline in the agricultural workforce due to urbanization and industrialization is the most significant challenge facing Indian farmers.
(e) The state of Indian farmers is improving due to young people's growing interest in agriculture, bolstered by government schemes and technological advancements.

Q71. Identify the incorrect statement based on the passage.
(a) Around 58% of India's population is engaged in agriculture, making it a crucial sector.
(b) Government schemes like PM-KISAN have completely resolved the financial issues of farmers.
(c) Climate change has led to erratic weather patterns, adversely affecting agriculture.
(d) A majority of Indian farmers have small landholdings, affecting their economies of scale.
(e) Structural problems in agriculture include inadequate access to technology and poor storage facilities.

Q72. Choose the synonym of the word 'plight' as used in the passage.
(a) Fortune
(b) Predicament
(c) Prosperity
(d) Advantage
(e) Benefit

Q73. As per the passage, which statement accurately describes the structural issues in Indian agriculture?
(I) There is an overreliance on technology and modern equipment in farming.
(II) Lack of access to modern technology is one of the structural issues faced.
(III) Indian agriculture is fully independent of monsoon rains due to technological advancements.
(IV) Storage and transportation facilities are well-developed and sufficient for farmers' needs.
(a) Only (I)
(b) Both (II) and (IV)
(c) Only (II)
(d) Both (III) and (IV)
(e) Only (IV)

Q74. Identify the antonym of the word 'exacerbated' as used in the passage.
(a) Aggravated
(b) Worsened
(c) Alleviated
(d) Intensified
(e) Escalated

Q75. Select the correct statements regarding the initiatives by government on Indian farmers as mentioned in the passage.
(I) The Pradhan Mantri Kisan Samman Nidhi (PM-KISAN) scheme has completely transformed the agricultural sector by successfully addressing all major concerns of farmers.
(II) The National Agriculture Market (e-NAM) is designed to provide better market access and fair pricing for farmers' produce through a digital platform.
(III) Government schemes, while aiming to support farmers, have had limited success in significantly improving their overall situation.
(IV) Initiatives by the government have led to the complete eradication of debt among Indian farmers, ensuring long-term financial stability.
(a) Only (II)
(b) Both (II) and (III)
(c) Only (IV)
(d) Both (I) and (IV)
(e) Only (III)

Directions (76-80): Rearrange the following sentences to form a coherent paragraph and identify the sentence that doesn't fit into the context of the paragraph. Answer the questions that follow.
(A) This shift has naturally attracted cybercriminals, who are now increasingly targeting these digital platforms.
(B) As a result, cybersecurity has become a paramount concern, necessitating robust security protocols to protect user data and prevent breaches.
(C) With the advent of the digital age, more and more personal and financial transactions are being conducted online.
(D) Despite the rise of digital platforms, many people still prefer the tangibility and security of cash transactions.
(E) Governments and private sectors across the globe are investing heavily in cybersecurity measures, recognizing the critical need to safeguard digital infrastructure.
(F) Enhanced security measures include multi-factor authentication, end-to-end encryption, and continuous monitoring of suspicious activities.

Q76. Considering statement (C), "With the advent of the digital age, more and more personal and financial transactions are being conducted online." as the FIRST sentence of the rearranged paragraph, then which among the following fails to become a part of the coherent paragraph?
(a) A
(b) B
(c) D
(d) E
(e) F

Q77. Among the following pairs, which one of them is formed with two consecutive statements after the rearrangement (excluding the incoherent sentence)?
(a) A - B
(b) D - E
(c) B - E
(d) E - A
(e) C - D

Q78. Considering statement (C), "With the advent of the digital age, more and more personal and financial transactions are being conducted online." as the first sentence of the rearranged paragraph, identify the correct sequence of the sentences to form a coherent paragraph (excluding the incoherent one).
(a) CBAED
(b) CEBAD
(c) CABFD
(d) CABDE
(e) CABFE

Q79. Considering statement (C), "With the advent of the digital age, more and more personal and financial transactions are being conducted online.", as the first sentence of the rearranged paragraph, which of the following statements should be the FOURTH sentence after the rearrangement? (Excluding the incoherent sentence)
(a) A
(b) B
(c) D
(d) F
(e) E

Q80. Considering statement (C), "With the advent of the digital age, more and more personal and financial transactions are being conducted online.", as the first sentence of the rearranged paragraph, which of the following statements should be the SECOND sentence after the rearrangement? (Excluding the incoherent sentence)
(a) A
(b) B
(c) D
(d) E
(e) F

Directions (81-85): The table shows total books (fiction, comedy, and horror) sold by four (A, B, C, and D) different sellers. It also shows the percentage of fiction books and comedy books out of total book sold by these sellers. Read the following table carefully and answer the questions given below.

Sellers	Total books sold	Percentage of fiction books sold	Percentage of comedy books sold
A	800	35%	25%
B	720	40%	15%
C	950	60%	20%
D	1000	45%	22%

Q81. The horror books sold by B is what percentage more or less than the fiction books sold by D?
(a) 25%
(b) 28%
(c) 22%
(d) 38%
(e) 26%

Q82. Comedy books sold by X are 25% more than that by B and fiction books sold by X are 20% less than that of comedy books. If the total books sold by X and A are in the ratio of 9:16, respectively, then find horror books sold by C is how much more or less than that of X.
(a) 19
(b) 14
(c) 11
(d) 17
(e) 13

Q83. The average number of comedy books sold by A and D together is what percentage of the average number of fiction books sold by B and C together (approx.)?
(a) 49%
(b) 59%
(c) 66%
(d) 40%
(e) 63%

Q84. The horror books sold by D to male and female customers is in the ratio of 2:1, respectively. If the horror books sold by A to female customers are 40% more than that of by D, then find the ratio of horror books sold by D to A to male customers.
(a) 119:81
(b) 110:83
(c) 117:88
(d) 113:87
(e) 111:85

Q85. The selling price of each comedy book sold by A and C is Rs 12 and Rs 15 respectively. Find the total revenue generated by A and C together by selling all the comedy books (in Rs).
(a) 5460
(b) 5040
(c) 5190
(d) 5250
(e) 5850

Directions (86-90): In each of these questions, two equation (I) and (II) are given. You have to solve both the equations and give answer

Q86.
I. $3x^2 - 14x + 15 = 0$
II. $2y^2 - 11y + 14 = 0$

(a) If x>y
(b) If x≥y
(c) If x<y
(d) If x≤y
(e) If x = y or no relation can be established between x and y

Q87.
I. $9x^2 - 4x - 5 = 0$
II. $6y^2 + 23y + 7 = 0$

(a) If x>y
(b) If x≥y
(c) If x<y
(d) If x≤y
(e) If x = y or no relation can be established between x and y

Q88.
I. $2x^2 - 13x - 7 = 0$
II. $y^2 - 15y + 56 = 0$

(a) If x>y
(b) If x≥y
(c) If x<y
(d) If x≤y
(e) If x = y or no relation can be established between x and y

Q89.

I. $(2x-4)^2 = 9$

II. $\sqrt{y^6} = \frac{128 \times 2}{4}$

(a) If x>y
(b) If x≥y
(c) If x<y
(d) If x≤y
(e) If x = y or no relation can be established between x and y

Q90.

I. $\frac{5}{x^2} - \frac{7}{x} + 2 = 0$

II. $\frac{8}{y^2} - 5 - \frac{3}{y} = 0$

(a) If x>y
(b) If x≥y
(c) If x<y
(d) If x≤y
(e) If x = y or no relation can be established between x and y

Q91. A and B started a business with an investment of Rs X and Rs X+800, respectively. After eight months A left, C joined with Rs 2400. If, at the end of the year, the profit share of B is Rs 5400 out of the total profit of Rs 9300, then find X.
(a) 2500
(b) 4000
(c) 1600
(d) 5000
(e) 6500

Q92. The ratio of the cost price to the selling price of an article is 5:6 and the ratio of the marked price to the selling price of the article is 4:3. If the article is marked up by Rs 240, then find the difference between the profit and the discount on the article (in Rs).
(a) 160
(b) 90
(c) 120
(d) 150
(e) 80

Q93. The ratio of milk to water in 60 liter of mixture is 3:2 and 18 liters of water added to the vessel. Now 26 liters of mixture taken out and X liters of milk added, the quantity of milk and water become equal. Find X.
(a) 8
(b) 6
(c) 2
(d) 4
(e) 12

Q94. A can complete a work in X days, B can complete the work in X+5 days and A & B together can complete the work in 60/7 days. If the efficiency of C is two-third more than that of B, then find the time (in days) taken by A and C together to complete the whole work.
(a) 20/3
(b) 15/7
(c) 12/5
(d) 19/3
(e) 17/2

Q95. The ratio of the downstream speed of a boat to the speed of a current is 6:1. If the boat can cover 180 km upstream in nine hours, then find the time (in hours) taken by the boat to cover 50 km in still water.
(a) 1
(b) 2
(c) 1.5
(d) 2.5
(e) 3

Directions (96-100): The bar graph (i) shows the percentage distribution of doctors and nurses in four (A, B, C, and D) different hospitals. The bar graph (ii) shows the percentage distribution of nurses in these hospitals. Read the following data and answer the questions given below.
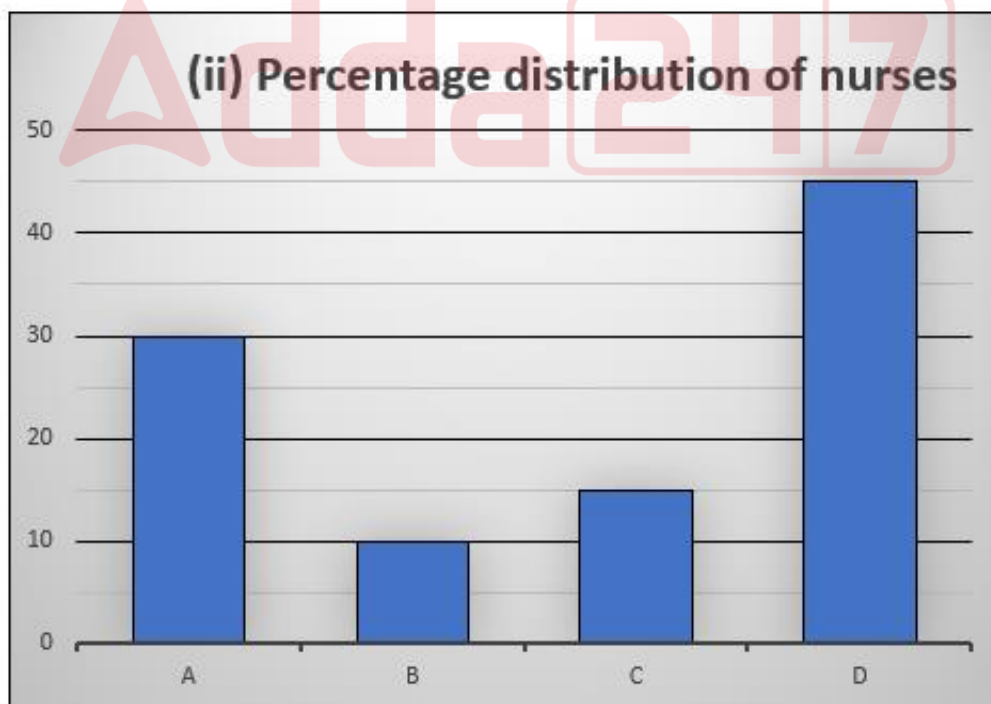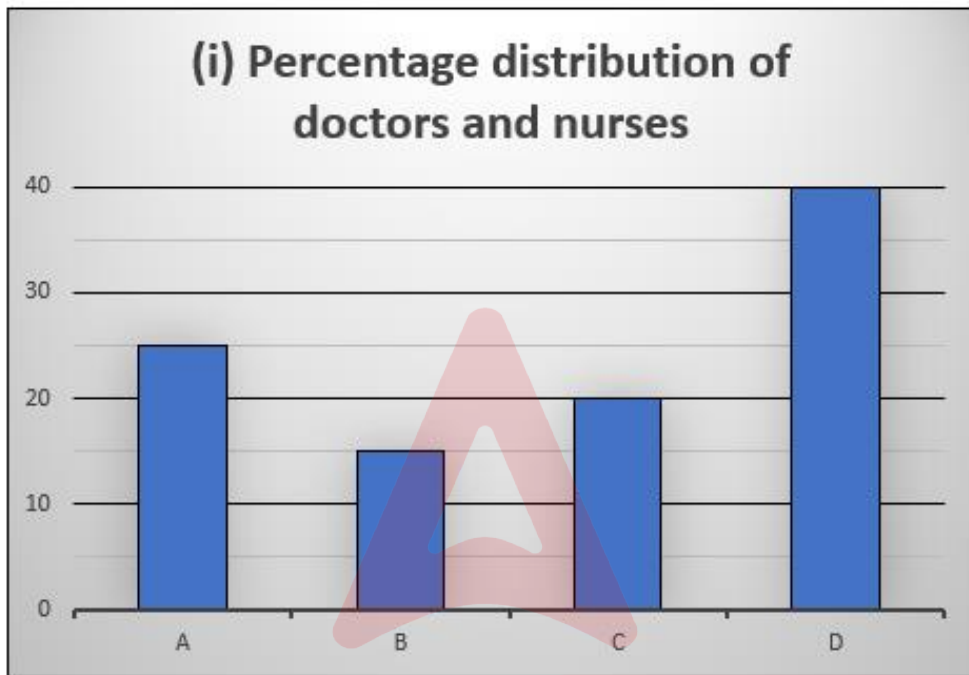
Note: I. Total doctors and nurses in hospital B is 120.
II. Total doctors in hospital C is 85.

Q96. Find the ratio of nurses in hospital A to doctors in hospital B.
(a) 12:5
(b) 11:9
(c) 15:7
(d) 14:5
(e) 19:6

Q97. Total doctors in hospitals C and B together are how much percentage more or less than the total nurses in hospital C and D together. (upto two decimal places)
(a) 42.87%
(b) 61.67%
(c) 48.33%
(d) 56.23%
(e) 72.75%

Q98. The ratio of male to female doctors and nurses in hospital B is 2:3 and 7:3, respectively. Find the difference between male doctors and nurses together and female nurses and doctors in hospital B.
(a) 7
(b) 3
(c) 2
(d) 4
(e) 6

Q99. 60% of doctors in hospital A are cardiologists and the rest are orthopedists. If 25% of orthopedist doctors are males and 27 doctors in hospital A are females, then find the male cardiologist doctors in hospital A.
(a) 14
(b) 18
(c) 16
(d) 12
(e) 15

Q100. The total nurses in hospitals A and D together are what percentage of the total doctors & nurses in hospital B?
(a) 312.5%
(b) 319.5%
(c) 325%
(d) 335.5%
(e) 309.5%

Directions (101-105): What approximate value will come in place of question mark (?) in the following questions? (You are not expected to calculate the exact value)

Q101. 18.25% of 499.99+ 60.35% of 720.1=?
(a) 529
(b) 522
(c) 513
(d) 517
(e) 506

Q102. 14.982% of 740.25 - 64.87% of 800.26 = 552.21 -?2
(a) 31
(b) 38
(c) 34
(d) 39
(e) 32

Q103.

49.94% of $632.18 + 39.85\%$ of $780.73 - \dfrac{5}{12}$ of $1728.09 = \sqrt{?} - 100.03$

(a) 81
(b) 25
(c) 49
(d) 36
(e) 64

Q104. $18.02^2 + \sqrt[3]{2197.03} = ? \times 17.2 - 3.02$

(a) 28
(b) 20
(c) 17
(d) 11
(e) 31

Q105. $\dfrac{12.12\% \text{ of } 400.21}{3.99} = \dfrac{?}{2}$

(a) 21
(b) 24
(c) 29
(d) 34
(e) 37

Directions (106-109): In each of these questions a number series is given. In each series only one number is wrong. Find out the wrong number.

Q106. 18, 44, 29, 154, 118, 461, 397
(a) 44
(b) 18
(c) 29
(d) 154
(e) 461

Q107. 39, 41, 51, 68, 93, 127, 171
(a) 41
(b) 39
(c) 51
(d) 68
(e) 171

Q108. 6, 12, 9, 36, 31, 182, 179
(a) 12
(b) 6
(c) 179
(d) 182
(e) 9

Q109. 150, 75, 75, 112.5, 225, 562.5, 1682.5
(a) 112.5
(b) 1682.5
(c) 225
(d) None of these
(e) 562.5

Q110. A X-meter-long train can cross a 150-metre-long platform in 33⅓ seconds. If the speed of the train is 64.8 km/hr, then find the time taken by the train to cross the X/2 meter-long bridge.
(a) 32 seconds
(b) 37.5 seconds
(c) 40 seconds
(d) 45.5 seconds
(e) 48 seconds

Q111. Rs X invested in simple interest at 15% p.a. for three years and received interest of Rs 1710. If Rs X+1200 is invested in compound interest compound annually at 20% for two years, then find the compound interest. (in Rs.)
(a) 2200
(b) 2800
(c) 2400
(d) 2000
(e) 2600

Directions (112-113): Read the following information carefully and answer the questions given below.
P, Q, and R started a business with investments of Rs X, Rs X-2000, and Rs X+2000, respectively. The time periods of P, Q, and R amounts invested in the business are 8 months, 10 months and 6 months respectively.

Q112. If at the end of the years the total profit of Rs 3400 and the profit share of Q is Rs 1000, then find X.
(a) 4000
(b) 6000
(c) 8000
(d) 12000
(e) 10000

Q113. If the sum of investment of P and Q Rs 15600, then find the initial investment of R (in Rs).
(a) 10800
(b) 12400
(c) 14600
(d) 9660
(e) 1110

Directions (114-115): Read the following information carefully and answer the questions given below.
Car A travels from point P to point Q and Car B travels from point Q to point P. Car A started at 5 pm with a speed of 60 km/hr and Car B started at 7 p.m. with the speed of 45 km/hr. Both cars meet after 16/7 hours and distance between point P and point Q is D km.

Q114. Find the value of D/4.
(a) 180
(b) 90
(c) 120
(d) 150
(e) 45

Q115. If the ratio of speed of a bus to speed of the car B is 4:9, respectively, then find the time taken by the bus to cover D+40 km.
(a) 5 hours
(b) 25 hours
(c) 15 hours
(d) 10 hours
(e) 20 hours

Directions (116-120): The following questions are accompanied by two statements i.e. statement (I) and statement (II). You have to determine which statement (s) is/are sufficient/necessary to answer the questions.

Q116. Find the time taken by pipe C to fill a tank (in minutes)
I. Pipes C and B together can fill the tank in 15/2 minutes.
II. Pipes A, B and C together can fill the tank in 240/47 minutes.
(a) Either I or II
(b) Both I and II together
(c) Only II
(d) Neither I nor II.
(e) Only I

Q117. How many girls required to complete the work in 18 days.
I. 25 boys can complete the work in 12 days.
II. The ratio of efficiency of boy and girl is 6:5 respectively.
(a) Either I or II
(b) Both I and II together
(c) Only II
(d) Neither I nor II.
(e) Only I

Q118. Find the Area of a square (in cm2).
I. The ratio of perimeter of a circle to that of square is 2:1 respectively and area of the circle is 616 cm2.
II. The side of the square is equal to the breadth of the rectangle, whose perimeter is 48 cm.
(a) Either I or II
(b) Both I and II together
(c) Only II
(d) Neither I nor II.
(e) Only I

Q119. Find the value of X-3.
I. Total salary of 10+X persons is Rs 270000.
II. The average salary of 10 persons is Rs 12000, when X more person added, the average salary increased by 50%.
(a) Either I or II
(b) Both I and II together
(c) Only II
(d) Neither I nor II.
(e) Only I

Q120. If the present age of P is 12 years and the ratio of the present age of Q to R is 4:5 respectively, find the present age of R (in years).
I. The ratio of age of Q ten years hence and S five years ago is 5:2 respectively.
II. The average present age of Q and S is 14 years and the present age of S is four years less than that of P.
(a) Either I or II
(b) Both I and II together
(c) Only II
(d) Neither I nor II.
(e) Only I

Q121. Which international organization supported as a partner for the 2nd Edition of the International Financial Services Centres Authority (IFSCA)'s flagship financial technology event, InFinity Forum 2.0, inaugurated virtually by Prime Minister Narendra Modi at the Gujarat International Finance Tec-City (GIFT City) in Gandhinagar, Gujarat?
(a) World Bank
(b) International Monetary Fund (IMF)
(c) Bloomberg
(d) United Nations (UN)
(e) International Finance Corporation (IFC)

Q122. Which organization has signed a 5-year-long Statement of Intent (SoI) with the International Food Policy Research Institute (IFPRI) to strengthen policy and program frameworks for India's development?
(a) Ministry of Finance
(b) Ministry of External Affairs
(c) NITI Aayog
(d) Reserve Bank of India (RBI)
(e) Ministry of Agriculture and Farmers Welfare

Q123. What is the worth of the 5-year deal signed between Intellect Design Arena Limited and Indian Bank for deploying the eMACH.ai-powered Cash Management System?
(a) Rs 50 crore
(b) Rs 60 crore
(c) Rs 70 crore
(d) Rs 80 crore
(e) Rs 90 crore

Q124. Tiriyani Block of which state secured the first position in the National Institution for Transforming India (NITI) Aayog's inaugural Delta Rankings of Aspirational Blocks Programme (ABP) for the first Quarter of 2023-2024?
(a) Telangana
(b) Andhra Pradesh
(c) Tamil Nadu
(d) Karnataka
(e) Maharashtra

Q125. The Board of Control for Cricket in India (BCCI) retired MS Dhoni's jersey number "7" to honour his contributions to Indian cricket. Before Dhoni, which Indian cricketer had their jersey number retired by the BCCI?
(a) Rahul Dravid
(b) Anil Kumble
(c) Virender Sehwag
(d) Yuvraj Singh
(e) Sachin Tendulkar

Q126. What is the name of the Fast Attack Craft recently commissioned by the Indian Navy at the Naval Dockyard in Visakhapatnam, Andhra Pradesh?
(a) INS Tarmugli
(b) INS Kochi
(c) INS Chennai
(d) INS Vikrant
(e) INS Brahmaputra

Q127. Who was inducted into the International Tennis Hall of Fame as a part of the class of 2024 alongside Indian sports commentator and promoter Vijay Amritraj, and British sports journalist and writer Richard Evans?
(a) Rohan Bopanna
(b) Leander Paes
(c) Vijay Amritraj
(d) Mahesh Bhupathi
(e) Sania Mirza

Q128. Which company has recently signed a Rs 588.68 crore contract with the Ministry of Defence (MoD) to acquire the Digital Coast Guard (DCG) project under the Buy (Indian) category?
(a) THDC India Limited
(b) Telecommunications Consultants India Limited
(c) Indian Telephone Industries Limited
(d) RailTel Corporation of India Ltd
(e) Mahanagar Telephone Nigam Limited

Q129. Kishtwar Saffron brand has received the Geographical Indication (GI) tag from the GI Registry under the Department for Promotion of Industry and Internal Trade, Ministry of Commerce and Industry. In which state/UT is the Kishtwar Region located?
(a) Pondicherry
(b) Uttarakhand
(c) Jammu and Kashmir
(d) Punjab
(e) Chandigarh

Q130. India became the Chair of the International Sugar Organisation (ISO), the apex international body on sugar and related products, for 2024. This was announced during the 63rd council meeting of ISO. Where is the headquarters of the International Sugar Organisation (ISO) located?
(a) Geneva, Switzerland
(b) Paris, France
(c) London, United Kingdom
(d) Rome, Italy
(e) Brussels, Belgium

Q131. Where is India's first Telecom Centre of Excellence (CoE) to be established, and what is the funding arrangement for it?
(a) Indian Institute of Technology (IIT) Madras, funded by the Tamil Nadu Government
(b) Indian Institute of Technology (IIT) Roorkee, funded by the Uttar Pradesh Government
(c) Indian Institute of Technology (IIT) Bombay, funded by the Maharashtra Government
(d) Indian Institute of Technology (IIT) Delhi, funded by the Central Government
(e) Indian Institute of Technology (IIT) Kanpur, funded by a consortium of private telecom companies

Q132. According to Merriam-Webster, what is the Word of the Year for 2023?
(a) Genuine
(b) Veritable
(c) Authentic
(d) Legitimate
(e) Real

Q133. Which of the following entities are regulated by IRDAI?
(a) Life Insurance Companies
(b) General Insurance Companies
(c) Reinsurance Companies
(d) Agency Channel
(e) All of the above

Q134. What type of insurance policy is typically used to cover the risk of loss due to a borrower's default on a mortgage?
(a) Term Life Insurance
(b) Whole Life Insurance
(c) Mortgage Insurance
(d) Health Insurance
(e) Property Insurance

Q135. Which of the following best describes 'Underwriting' in insurance?
(a) The process of selling insurance policies
(b) The act of paying out claims
(c) The process of evaluating risks and determining premiums
(d) The legal transfer of insurance benefits
(e) The cancellation of an insurance policy

Q136. In Jammu and Kashmir (J&K), which agency introduced Global Positioning System (GPS) tracker anklets to monitor terror-accused individuals out on bail?
(a) Central Bureau of Investigation (CBI)
(b) National Investigation Agency (NIA)
(c) State Investigation Agency (SIA)
(d) Intelligence Bureau (IB)
(e) Research and Analysis Wing (RAW)

Q137. Which day has been declared as "no non-veg day" by the Uttar Pradesh government to mark the 144th birth anniversary of Sadhu Thanwardas Lilaram Vaswani?
(a) November 20
(b) November 25
(c) November 30
(d) December 1
(e) November 15

Q138. The Government of Norway has recently pledged financial support to India's 'The Hunger Project (THP)' aimed at enhancing food security and environmental protection in which Indian state?
(a) Uttarakhand
(b) Maharashtra
(c) Kerala
(d) Punjab
(e) Assam

Q139. Prime Minister Narendra Modi recently announced the extension of the Pradhan Mantri Garib Kalyan Anna Yojana (PMGKAY). Till when has the scheme been extended?
(a) December 2024
(b) December 2025
(c) December 2027
(d) December 2028
(e) December 2026

Q140. Which country became the first in the world to completely sterilize and vaccinate its entire stray dog population?
(a) Nepal
(b) Bhutan
(c) Thailand
(d) Myanmar
(e) Bangladesh

Q141. Which bank has recently partnered with Accenture to develop a scalable and secure enterprise data lake platform?
(a) State Bank of India
(b) HDFC Bank
(c) ICICI Bank
(d) Union Bank of India
(e) Punjab National Bank

Q142. According to the 2022 report by the National Crime Records Bureau (NCRB), which city has been recognized as the safest city in India for the third consecutive year?
(a) Mumbai
(b) Bangalore
(c) New Delhi
(d) Kolkata
(e) Chennai

Q143. Which organization was honored with the Vision Zero 2023 Award by the International Social Security Association (ISSA) during the 23rd World Congress on Safety and Health at Work?
(a) NASSCOM
(b) NTPC Limited
(c) Bharat Heavy Electricals Limited
(d) Oil and Natural Gas Corporation
(e) Employees' State Insurance Corporation

Q144. Who has been appointed as the Youth Voter Awareness Ambassador for Jammu & Kashmir (J&K) by the Election Commission of India (ECI)?
(a) Virat Kohli
(b) Suresh Kumar Raina
(c) Kapil Dev
(d) M.S. Dhoni
(e) Sachin Tendulkar

Q145. What percentage of the paid-up share capital or voting rights of Karur Vysya Bank Ltd (KVB) did SBI Mutual Fund (SBI MF) receive approval to acquire from the Reserve Bank of India (RBI)?
(a) 5.5%
(b) 7.50%
(c) 12.9%
(d) 9.99%
(e) 15%

Q146. Dr. Akshata Krishnamurthy has achieved a significant milestone in the field of space exploration as the first Indian citizen to operate the Mars Perseverance rover. Perseverance is associated with which space company?
(a) NASA
(b) SpaceX
(c) ISRO
(d) Roscosmos
(e) ESA

Q147. What is the designated base period for constructing the RBI-DPI (Digital Payments Index), facilitating the measurement of digital payments' deepening and penetration over various periods?
(a) April 2017
(b) March 2018
(c) March 2019
(d) June 2019
(e) July 2021

Q148. Which actor was honored with the Satyajit Ray Lifetime Achievement Award at the 54th International Film Festival of India (IFFI) held in Goa from 20th to 28th November 2023?
(a) Robert De Niro
(b) Morgan Freeman
(c) Michael Douglas
(d) Tom Hanks
(e) Anthony Hopkins

Q149. Raja Bhoj Airport is an international airport located in which Indian city?
(a) Jaipur
(b) Kanpur
(c) Mangalore
(d) Bhopal
(e) Chennai

Q150. According to 'The On-Time Performance Monthly Reports – Airports for September 2023' released by Cirium in October 2023, which Indian airport has been recognized as the world's most punctual Airport for the past 3 consecutive months (July, August, and September 2023)?
(a) Indira Gandhi International Airport
(b) Netaji Subhash Chandra Bose International Airport
(c) Chennai International Airport
(d) Kempegowda International Airport
(e) Sardar VallabhBhai Patel International Airport

Q151. The Durand Line is a frontier boundary established in 1893. This international boundary line lies between which two countries?
(a) China & Pakistan
(b) Bangladesh and India
(c) Myanmar and India
(d) Afghanistan and Pakistan
(e) None of the above

Q152. Which state in India has become the first to enforce the "right to walk" by mandating the provision of footpaths and cycle tracks in all future road expansion and construction projects?
(a) Haryana
(b) Punjab
(c) Uttar Pradesh
(d) Maharashtra
(e) Tamil Nadu

Q153. The Government of India signed a loan agreement with which international organization for 37 billion Japanese Yen ($250 million) for the construction of the 82-kilometer Delhi-Meerut Regional Rapid Transit System (RRTS) corridor?
(a) World Bank
(b) International Monetary Fund (IMF)
(c) Asian Infrastructure Investment Bank (AIIB)
(d) Asian Development Bank (ADB)
(e) New Development Bank (NDB)

Q154. Which Indian airline recently made history by becoming the first Indian airline to carry 100 million passengers in a single calendar year?
(a) SpiceJet
(b) Air India
(c) Vistara
(d) GoAir
(e) IndiGo

Q155. Which IPL team recently bought Mitchell Starc of Australia, making him the most expensive player in the history of the Indian Premier League (IPL) at the auction in Dubai?
(a) Kolkata Knight Riders (KKR)
(b) Mumbai Indians (MI)
(c) Royal Challengers Bangalore (RCB)
(d) Delhi Capitals (DC)
(e) Rajasthan Royals (RR)

Q156. According to the World Bank report, which country topped the list of countries in terms of receiving the highest remittance, receiving around $125 billion in 2023?
(a) China
(b) India
(c) United States
(d) Philippines
(e) Mexico

Q157. The PM-PRANAM Scheme was launched to incentivize States and Union Territories to promote _____.
(a) Infrastructure Development
(b) Green Growth
(c) Alternative fertilizers and balanced use of chemical fertilizers
(d) chemical fertilizers
(e) None of the above

Q158. In the 2023 Vijay Hazare Trophy at the Saurashtra Cricket Association Stadium in Rajkot, which team emerged victorious, securing their first-ever title with a 30-run triumph over Rajasthan?
(a) Haryana
(b) Rajasthan
(c) Tamil Nadu
(d) Karnataka
(e) Mumbai

Q159. Former Indian cricketer and legendary left-arm spinner, Bishan Singh Bedi, passed away. The Government of India honored him with the Padma Shri for sports in which year?
(a) 1980
(b) 1970
(c) 1972
(d) 1986
(e) 1988

Q160. The Indo-Tibetan Border Police (ITBP) Raising Day is celebrated annually on 24th October to mark the establishment of the ITBP. What is the observance year of the 24th October 2023 ITBP Raising Day?
(a) 58th
(b) 59th
(c) 60th
(d) 61st
(e) 62nd

Q161. What does the abbreviation ENIAC stand for?
(a) Electronic Numerical Integrator and Computer
(b) Electronic Network and Integrated Circuit
(c) Enhanced Natural Intelligence and Computing
(d) Enhanced Nano-Injection and Circuitry
(e) Electrostatic Network for Integrated Analog Computing

Q162. Which of the following statements best defines a database in the context of information management systems?
(a) A set of physical files used to store data.
(b) A collection of related data organized and stored in a structured format.
(c) A graphical representation of data relationships.
(d) A software application used to create tables and forms.
(e) A data structure that can only be accessed sequentially.

Q163. Which of the following components is responsible for processing and executing instructions in a computer system?
(a) Central Processing Unit (CPU)
(b) Random Access Memory (RAM)
(c) Hard Disk Drive (HDD)
(d) Graphics Processing Unit (GPU)
(e) Motherboard

Q164. Which of the following is considered the precursor to the modern internet?
(a) ARPANET
(b) ENIAC
(c) UNIX
(d) Windows 95
(e) VHS

Q165. In Microsoft Word, if you want to link a section of your text to another part within the same document, which feature would you use?
(a) Bookmark
(b) Hyperlink
(c) Cross-reference
(d) Table of Contents
(e) None of the above

Q166. Which view in Microsoft Word displays the document with text flowing around inserted pictures or shapes?
(a) Draft
(b) Print Layout
(c) Web Layout
(d) Wrap Text
(e) None of these

Q167. Which command in Microsoft Word is used to apply a border to selected text or paragraphs?
(a) Borders and Shading
(b) Page Borders
(c) Table Borders
(d) Picture Borders
(e) None of the above

Q168. Which version of Windows was released after Windows 8.1?
(a) Windows 9
(b) Windows 10
(c) Windows 8.2
(d) Windows 8.5
(e) None of the above

Q169. What is the name of the default web browser that comes with Windows 11?
(a) Internet Explorer
(b) Google Chrome
(c) Mozilla Firefox
(d) Microsoft Edge
(e) None of these

Q170. Which feature in MS PowerPoint allows you to create and edit shapes?
(a) Design Ideas
(b) Shape Styles
(c) Format Shape
(d) Shape Fill
(e) None of the above

Q171. Which view in MS PowerPoint allows you to add and edit speaker notes?
(a) Normal view
(b) Slide Sorter view
(c) Reading view
(d) Presenter view
(e) None of the above

Q172. Which feature in MS PowerPoint allows you to create a slide show that runs automatically?
(a) Transitions
(b) Animations
(c) Slide Show Settings
(d) Custom Layouts
(e) None of the above

Q173. Which command is used to merge cells in Excel?
(a) Combine
(b) Merge & Center
(c) Unite
(d) Join
(e) None of the above

Q174. Which command is used to find and replace specific data in an Excel worksheet?
(a) Search & Replace
(b) Find & Replace
(c) Match & Replace
(d) Locate & Replace
(e) None of the above

Q175. Which of the following is an example of a network operating system?
(a) Windows 10
(b) Ubuntu
(c) Android
(d) macOS
(e) Windows Server

Q176. Which shortcut key combination is used to open the Task Manager in Windows?
(a) Ctrl + Alt + Delete
(b) Ctrl + Shift + Esc
(c) Alt + F4
(d) Win + R
(e) Ctrl + C

Q177. Which generation of computers used vacuum tubes as the primary electronic component?
(a) First generation
(b) Second generation
(c) Third generation
(d) Fourth generation
(e) Fifth generation

Q178. Which term describes the process of converting analog signals into digital signals for transmission over a network?
(a) Modulation
(b) Encryption
(c) Compression
(d) Multiplexing
(e) None of the above

Q179. Which of the following devices is commonly used to capture handwritten marks or data on special forms, such as surveys or answer sheets?
(a) Barcode scanner
(b) RFID reader
(c) Joystick
(d) Digital pen
(e) None of the above

Q180. Which network topology is characterized by each device connected to a central device that controls the data flow?
(a) Tree topology
(b) Mesh topology
(c) Ring topology
(d) Star topology
(e) None of the above

Q181. In Microsoft Word, where can you find the option to change the page orientation?
(a) Layout tab
(b) References tab
(c) Review tab
(d) Home tab
(e) None of the above

Q182. What does the term HTTP stand for in the context of web browsing?
(a) HyperText Transfer Protocol
(b) Hyperlink and Text Transmission Protocol
(c) HyperMedia Transfer Protocol
(d) HyperText Messaging Protocol
(e) HyperData Transfer Protocol

Q183. Which of the following is a type of computer memory that retains its data even when the power is turned off?
(a) Cache Memory
(b) Random Access Memory (RAM)
(c) Read-Only Memory (ROM)
(d) Virtual Memory
(e) Magnetic Disk Storage

Q184. Touchscreens are considered as:
(a) Input devices only
(b) Output devices only
(c) Neither input nor output devices
(d) Both input and output devices
(e) Networking devices

Q185. Which device is essential for a visually impaired person to use a computer?
(a) Trackball
(b) Braille Reader
(c) Light pen
(d) Joystick
(e) Plotter

Q186. Which of the following is not a common email protocol?
(a) IMAP
(b) POP3
(c) HTTP
(d) FTP
(e) SMTP

Q187. What is the maximum size for a single email message in Gmail?
(a) 10 MB
(b) 25 MB
(c) 50 MB
(d) 75 MB
(e) 100 MB

Q188. Which of the following Organization owns YouTube?
(a) Microsoft
(b) Amazon
(c) Google
(d) Facebook
(e) Apple

Q189. What is the meaning of the BIOS?
(a) Basic Input/Output System
(b) Binary Information Operating System
(c) Biometric Identification and Operating System
(d) Backup and Integrated Operating System
(e) Built-In Operational Software

Q190. Which Windows utility is used to manage disk partitions and volumes?
(a) Disk Management
(b) Computer Management
(c) Device Manager
(d) Disk Cleanup
(e) None of the above

Q191. During the fourth generation of computers, which storage medium gained popularity due to its high capacity, durability, and portability for storing data and software?
(a) Punched cards
(b) Solid-state drives
(c) Magnetic disks
(d) card reader
(e) None of the above

Q192. Which of the following database operations ensures that data is consistent and accurate?
(a) Insertion
(b) Deletion
(c) Update
(d) Normalization
(e) Indexing

Q193. Which shortcut key combination is used to open a new tab in Google chrome web browsers?
(a) Ctrl + T
(b) Ctrl + W
(c) Ctrl + N
(d) Alt + F4
(e) Ctrl + P

Q194. Which shortcut key combination is used to open the File Explorer or File Manager in Windows?
(a) Win + E
(b) Ctrl + Shift + Esc
(c) Alt + F4
(d) Win + R
(e) Ctrl + C

Q195. Which feature in MS PowerPoint allows you to create custom animations for your slides?
(a) Transitions
(b) Animations
(c) Audio Tools
(d) Custom Layouts
(e) None of the above

Q196. What type of software enables users to create, edit, and format documents containing text, images, and other multimedia elements?
(a) Spreadsheet software
(b) Presentation software
(c) Database software
(d) Word processing software
(e) Graphic design software

Q197. Which of the following input devices is used to convert handwritten or printed text into digital format?
(a) Mouse
(b) Scanner
(c) Keyboard
(d) Webcam
(e) Touchscreen

Q198. Which Windows feature allows users to encrypt and protect files and folders on a per-user basis?
(a) EFS
(b) BitLocker Drive Encryption
(c) Windows Defender Firewall
(d) Credential Guard
(e) None of the above

Q199. Which command is used to freeze rows and/or columns in Excel?
(a) Freeze
(b) Lock
(c) Split
(d) Protect
(e) None of the above

Q200. Which shortcut key combination is used to copy selected text or files to the clipboard in MS Word 2016?
(a) Ctrl + C
(b) Ctrl + X
(c) Ctrl + V
(d) Alt + F4
(e) Ctrl + A

Solutions

S1. Ans.(d)
Sol. I. Not follow – Lily is restricted to have relation with only flower and not with any other element.
II. Not follow – Lily cannot relate with tulip in a definite relation as lily is restricted to have relation with only flower, so this relation will not follow in possibility.
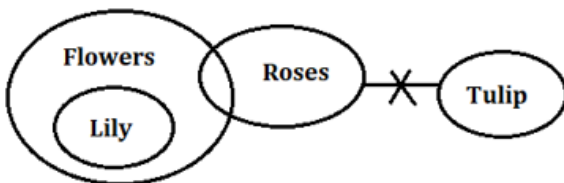
S2. Ans.(c)
Sol. I. Not follow – Definite relation between boats and bicycles will not follow as they are not directly related to each other.
II. Follow – The relation will follow because the part of motorcycles which is in trucks will not relate with boat.

III. Follow – The relation will follow because cars can only have relation with bicycles and not with any other element.
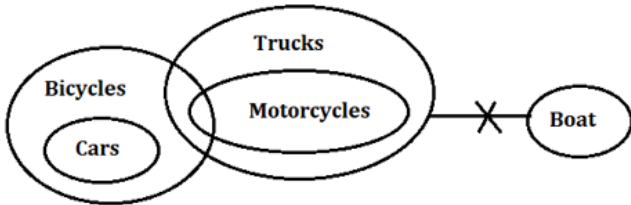
S3. Ans.(a)
Sol. I. Follow – Possible relation between erasers and pens will follow as they are not directly related to each other.
II. Not follow – Definite negative relation will not follow between notebooks and erasers as they do not have a direct relation with each other.
III. Follow – Possible relation of 'all' will follow here because some part of pencils is already pens.
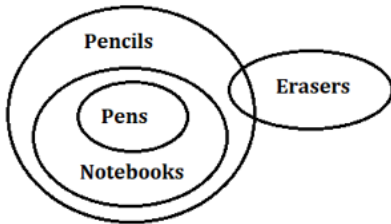
S4. Ans.(b)
Sol. I. Follow – Possible relation will follow between mountains and lakes as they are not directly related to each other.
II. Follow – Possible relation will follow between rivers and lakes as they do not have any direct relation between them.
III. Follow – Possible relation will follow between desert and valleys because there is no direct relation between them.
IV. Not follow – Definite negative relation will not follow here because they have indirect relation between them.
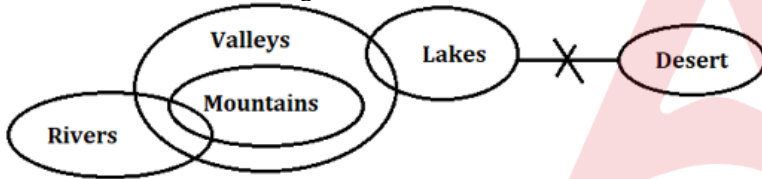
S5. Ans.(c)
Sol. I. Not follow – Because boats are restricted to have relation with only trains.
II. Follow – Because boats can only have relation with trains.
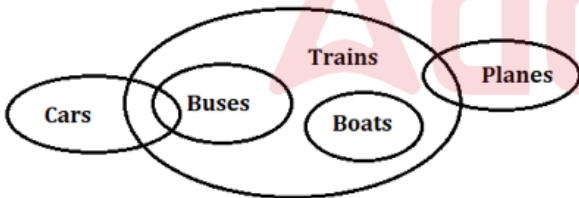
S6. Ans.(b)
Sol. I. K > M (False)
II. A ≤ K (False)

S7. Ans.(d)
Sol. I. Q ≤ J (False)
II. L < V (True)

S8. Ans.(b)
Sol. I. S > Z (False)
II. X ≥ M (False)

S9. Ans.(c)
Sol. I. G < W (True)
II. P ≥ H (False)

S10. Ans.(e)
Sol. I. J > S (True)
II. M < R (True)

S11. Ans.(a)
Sol. Final arrangement:

Floors	Persons	Cities
8	E	Delhi
7	G	Surat
6	B	Pune
5	F	Chennai
4	H	Agra
3	D	Jaipur
2	C	Mumbai
1	A	Nagpur

Clues: G lives on the 7th floor. The person who is from Delhi lives on an even-numbered floor but not on the 2nd floor. The number of persons live between G and the person who is from Delhi is one less then than the number of persons live below C.
Inference: We have three possible cases.

Floors	Persons	Cities	Persons	Cities	Persons	Cities
	Case 1		Case 2		Case 3	
8						Delhi
7	G		G		G	
6				Delhi		
5						
4	C	Delhi				
3						
2			C		C	
1						

Clues: Three floors gap between C and the one who is from Pune. The person who is from Mumbai lives just above A who does not live on prime numbered floors. Sum of the floor numbers of A and H is same as the floor number of the person who is from Chennai.
Inference: Case 2 will cancel here as there is no place for the one who is from Pune. Case 3a is also generated here.

Floors	Persons	Cities	~~Persons~~	~~Cities~~	Persons	Cities	Persons	Cities
	Case 1		~~Case 2~~		Case 3		Case 3a	
8		Pune				Delhi		Delhi
7	G	Chennai/	~~G~~		G	Chennai/	G	Chennai
6	H/	Chennai/		~~Delhi~~	H/	Pune		Pune
5	H/					Chennai/		Mumbai
4	C	Delhi			H/	Chennai/	A	
3		Chennai/			H/		H	
2	H/	Mumbai	~~C~~		C	Mumbai	C	
1	A				A			

Clues: B lives just above F and just below the person who is from Surat. D is from Jaipur.
Inference: Case 3a will cancel here. Case 1 will cancel because there is no place for D.

Floors	~~Persons~~	~~Cities~~	Persons	Cities	~~Persons~~	~~Cities~~
	~~Case 1~~		Case 3		~~Case 3a~~	
8		~~Pune~~		Delhi		~~Delhi~~
7	~~G~~	~~Surat~~	G	Surat	~~G~~	~~Chennai~~
6	~~B~~		B	Pune		~~Pune~~
5	~~F~~		F	Chennai		~~Mumbai~~
4	~~C~~	~~Delhi~~	H		~~A~~	
3		~~Chennai~~	D	Jaipur	~~H~~	
2	~~H~~	~~Mumbai~~	C	Mumbai	~~C~~	
1	~~A~~		A			

Clues: E is not from Nagpur but lives above the person who is from Agra and both live on even numbered floor.
Inference: Now, the final arrangement is

Floors	Persons	Cities
8	E	Delhi
7	G	Surat
6	B	Pune
5	F	Chennai
4	H	Agra
3	D	Jaipur
2	C	Mumbai
1	A	Nagpur

Three persons live between E and H.

S12. Ans.(b)
Sol. Final arrangement:

Floors	Persons	Cities
8	E	Delhi
7	G	Surat
6	B	Pune
5	F	Chennai
4	H	Agra
3	D	Jaipur
2	C	Mumbai
1	A	Nagpur

Clues: G lives on the 7th floor. The person who is from Delhi lives on an even-numbered floor but not on the 2nd floor. The number of persons live between G and the person who is from Delhi is one less then than the number of persons live below C.
Inference: We have three possible cases.

Floors	Persons	Cities	Persons	Cities	Persons	Cities
	Case 1		Case 2		Case 3	
8						Delhi
7	G		G		G	
6				Delhi		
5						
4	C	Delhi				
3						
2			C		C	
1						

Clues: Three floors gap between C and the one who is from Pune. The person who is from Mumbai lives just above A who does not live on prime numbered floors. Sum of the floor numbers of A and H is same as the floor number of the person who is from Chennai.
Inference: Case 2 will cancel here as there is no place for the one who is from Pune. Case 3a is also generated here.

Floors	Persons	Cities	~~Persons~~	~~Cities~~	Persons	Cities	Persons	Cities
	Case 1		~~Case 2~~		Case 3		Case 3a	
8		Pune				Delhi		Delhi
7	G	Chennai/	~~G~~		G	Chennai/	G	Chennai
6	H/	Chennai/		~~Delhi~~	H/	Pune		Pune
5	H/					Chennai/		Mumbai
4	C	Delhi			H/	Chennai/	A	
3		Chennai/			H/		H	
2	H/	Mumbai	~~G~~		C	Mumbai	C	
1	A				A			

Clues: B lives just above F and just below the person who is from Surat. D is from Jaipur.

Inference: Case 3a will cancel here. Case 1 will cancel because there is no place for D.

Floors	Persons	Cities	Persons	Cities	Persons	Cities
	~~Persons~~	~~Cities~~	Persons	Cities	~~Persons~~	~~Cities~~
	~~Case 1~~		Case 3		~~Case 3a~~	
8		~~Pune~~		Delhi		~~Delhi~~
7	~~G~~	~~Surat~~	G	Surat	~~G~~	~~Chennai~~
6	~~B~~		B	Pune		~~Pune~~
5	~~F~~		F	Chennai		~~Mumbai~~
4	~~G~~	~~Delhi~~	H		~~A~~	
3		~~Chennai~~	D	Jaipur	~~H~~	
2	~~H~~	~~Mumbai~~	C	Mumbai	~~G~~	
1	~~A~~		A			

Clues: E is not from Nagpur but lives above the person who is from Agra and both live on even numbered floor.

Inference: Now, the final arrangement is

Floors	Persons	Cities
8	E	Delhi
7	G	Surat
6	B	Pune
5	F	Chennai
4	H	Agra
3	D	Jaipur
2	C	Mumbai
1	A	Nagpur

The person who is from Surat lives on floor 7.

S13. Ans.(a)
Sol. Final arrangement:

Floors	Persons	Cities
8	E	Delhi
7	G	Surat
6	B	Pune
5	F	Chennai
4	H	Agra
3	D	Jaipur
2	C	Mumbai
1	A	Nagpur

Clues: G lives on the 7th floor. The person who is from Delhi lives on an even-numbered floor but not on the 2nd floor. The number of persons live between G and the person who is from Delhi is one less then than the number of persons live below C.

Inference: We have three possible cases.

Floors	Persons	Cities	Persons	Cities	Persons	Cities
	Case 1		Case 2		Case 3	
8						Delhi
7	G		G		G	
6				Delhi		
5						
4	C	Delhi				
3						
2			C		C	
1						

Clues: Three floors gap between C and the one who is from Pune. The person who is from Mumbai lives just above A who does not live on prime numbered floors. Sum of the floor numbers of A and H is same as the floor number of the person who is from Chennai.

Inference: Case 2 will cancel here as there is no place for the one who is from Pune. Case 3a is also generated here.

Floors	Persons	Cities	~~Persons~~	~~Cities~~	Persons	Cities	Persons	Cities
	Case 1		~~Case 2~~		Case 3		Case 3a	
8		Pune				Delhi		Delhi
7	G	Chennai/	~~G~~		G	Chennai/	G	Chennai
6	H/	Chennai/		~~Delhi~~	H/	Pune		Pune
5	H/					Chennai/		Mumbai
4	C	Delhi			H/	Chennai/	A	
3		Chennai/			H/		H	
2	H/	Mumbai	~~G~~		C	Mumbai	C	
1	A				A			

Clues: B lives just above F and just below the person who is from Surat. D is from Jaipur.

Inference: Case 3a will cancel here. Case 1 will cancel because there is no place for D.

Floors	~~Persons~~	~~Cities~~	Persons	Cities	~~Persons~~	~~Cities~~
	~~Case 1~~		Case 3		~~Case 3a~~	
8		~~Pune~~		Delhi		~~Delhi~~
7	~~G~~	~~Surat~~	G	Surat	~~G~~	~~Chennai~~
6	~~B~~		B	Pune		~~Pune~~
5	~~F~~		F	Chennai		~~Mumbai~~
4	~~G~~	~~Delhi~~	H		A	
3		~~Chennai~~	D	Jaipur	H	
2	~~H~~	~~Mumbai~~	C	Mumbai	~~G~~	
1	~~A~~		A			

Clues: E is not from Nagpur but lives above the person who is from Agra and both live on even numbered floor.

Inference: Now, the final arrangement is

Floors	Persons	Cities
8	E	Delhi
7	G	Surat
6	B	Pune
5	F	Chennai
4	H	Agra
3	D	Jaipur
2	C	Mumbai
1	A	Nagpur

F is from Chennai.

S14. Ans.(d)
Sol. Final arrangement:

Floors	Persons	Cities
8	E	Delhi
7	G	Surat
6	B	Pune
5	F	Chennai
4	H	Agra
3	D	Jaipur
2	C	Mumbai
1	A	Nagpur

Clues: G lives on the 7th floor. The person who is from Delhi lives on an even-numbered floor but not on the 2nd floor. The number of persons live between G and the person who is from Delhi is one less then than the number of persons live below C.
Inference: We have three possible cases.

Floors	Persons	Cities	Persons	Cities	Persons	Cities
		Case 1		Case 2		Case 3
8						Delhi
7	G		G		G	
6				Delhi		
5						
4	C	Delhi				
3						
2			C		C	
1						

Clues: Three floors gap between C and the one who is from Pune. The person who is from Mumbai lives just above A who does not live on prime numbered floors. Sum of the floor numbers of A and H is same as the floor number of the person who is from Chennai.
Inference: Case 2 will cancel here as there is no place for the one who is from Pune. Case 3a is also generated here.

Floors	Persons	Cities	~~Persons~~	~~Cities~~	Persons	Cities	Persons	Cities
		Case 1		~~Case 2~~		Case 3		Case 3a
8		Pune				Delhi		Delhi
7	G	Chennai/	~~G~~		G	Chennai/	G	Chennai
6	H/	Chennai/		~~Delhi~~	H/	Pune		Pune
5	H/					Chennai/		Mumbai
4	C	Delhi			H/	Chennai/	A	
3		Chennai/			H/		H	
2	H/	Mumbai	~~G~~		C	Mumbai	C	
1	A				A			

Clues: B lives just above F and just below the person who is from Surat. D is from Jaipur.
Inference: Case 3a will cancel here. Case 1 will cancel because there is no place for D.

Floors	~~Persons~~	~~Cities~~	Persons	Cities	~~Persons~~	~~Cities~~
		~~Case 1~~		Case 3		~~Case 3a~~
8		~~Pune~~		Delhi		~~Delhi~~
7	~~G~~	~~Surat~~	G	Surat	~~G~~	~~Chennai~~
6	~~B~~		B	Pune		~~Pune~~
5	~~F~~		F	Chennai		~~Mumbai~~
4	~~G~~	~~Delhi~~	H		~~A~~	
3		~~Chennai~~	D	Jaipur	~~H~~	
2	~~H~~	~~Mumbai~~	C	Mumbai	~~G~~	
1	~~A~~		A			

Clues: E is not from Nagpur but lives above the person who is from Agra and both live on even numbered floor.
Inference: Now, the final arrangement is

Floors	Persons	Cities
8	E	Delhi
7	G	Surat
6	B	Pune
5	F	Chennai
4	H	Agra
3	D	Jaipur
2	C	Mumbai
1	A	Nagpur

Combination in option (d) is not correct.

S15. Ans.(c)
Sol. Final arrangement:

Floors	Persons	Cities
8	E	Delhi
7	G	Surat
6	B	Pune
5	F	Chennai
4	H	Agra
3	D	Jaipur
2	C	Mumbai
1	A	Nagpur

Clues: G lives on the 7th floor. The person who is from Delhi lives on an even-numbered floor but not on the 2nd floor. The number of persons live between G and the person who is from Delhi is one less then than the number of persons live below C.
Inference: We have three possible cases.

Floors	Persons	Cities	Persons	Cities	Persons	Cities
	Case 1		Case 2		Case 3	
8						Delhi
7	G		G		G	
6				Delhi		
5						
4	C	Delhi				
3						
2			C		C	
1						

Clues: Three floors gap between C and the one who is from Pune. The person who is from Mumbai lives just above A who does not live on prime numbered floors. Sum of the floor numbers of A and H is same as the floor number of the person who is from Chennai.
Inference: Case 2 will cancel here as there is no place for the one who is from Pune. Case 3a is also generated here.

Floors	Persons	Cities	~~Persons~~	~~Cities~~	Persons	Cities	Persons	Cities
	Case 1		~~Case 2~~		Case 3		Case 3a	
8		Pune				Delhi		Delhi
7	G	Chennai/	~~G~~		G	Chennai/	G	Chennai
6	H/	Chennai/		~~Delhi~~	H/	Pune		Pune
5	H/					Chennai/		Mumbai
4	C	Delhi			H/	Chennai/	A	
3		Chennai/			H/		H	
2	H/	Mumbai	~~G~~		C	Mumbai	C	
1	A				A			

Clues: B lives just above F and just below the person who is from Surat. D is from Jaipur.
Inference: Case 3a will cancel here. Case 1 will cancel because there is no place for D.

Floors	~~Persons~~	~~Cities~~	Persons	Cities	~~Persons~~	~~Cities~~
	~~Case 1~~		Case 3		~~Case 3a~~	
8		~~Pune~~		Delhi		~~Delhi~~
7	~~G~~	~~Surat~~	G	Surat	~~G~~	~~Chennai~~
6	~~B~~		B	Pune		~~Pune~~
5	~~F~~		F	Chennai		~~Mumbai~~
4	~~C~~	~~Delhi~~	H		~~A~~	
3		~~Chennai~~	D	Jaipur	~~H~~	
2	~~H~~	~~Mumbai~~	C	Mumbai	~~C~~	
1	~~A~~		A			

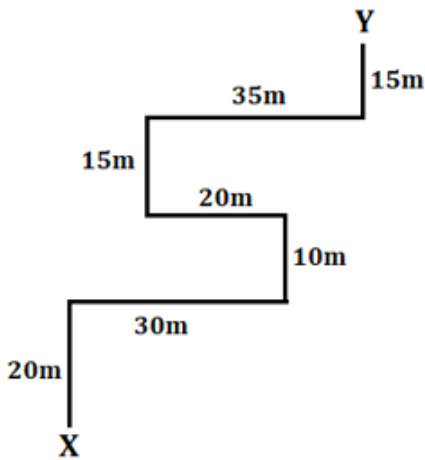**Clues**: E is not from Nagpur but lives above the person who is from Agra and both live on even numbered floor.
Inference: Now, the final arrangement is

Floors	Persons	Cities
8	E	Delhi
7	G	Surat
6	B	Pune
5	F	Chennai
4	H	Agra
3	D	Jaipur
2	C	Mumbai
1	A	Nagpur

The one who lives on 4th floor belongs to Agra.

S16. Ans.(b)
Sol.

S17. Ans.(b)
Sol.
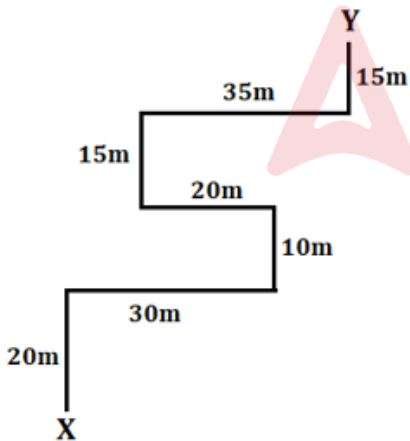
Total Distance = 20+30+10+20+15+35+15 = 145m

S18. Ans.(c)
Sol.

A(+)═B(-)   D(+)═F(-)
        | |
    I(-)═H(+)──G(-)
        |
E(-)──C(+)

S19. Ans.(c)
Sol.

A(+)═B(-)   D(+)═F(-)
        | |
      I(-)═H(+)——G(-)
        |
E(-)——C(+)

S20. Ans.(d)
Sol.

A(+)═B(-)   D(+)═F(-)
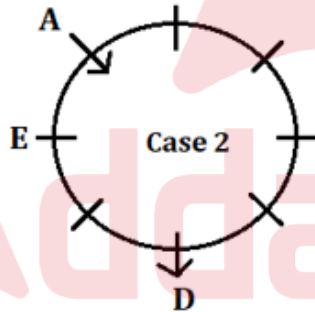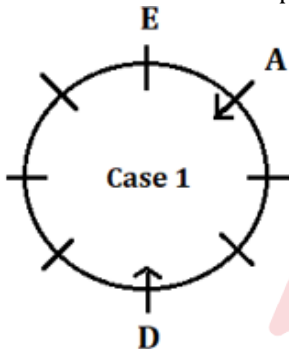 | |
      I(-)═H(+)——G(-)
        |
E(-)——C(+)
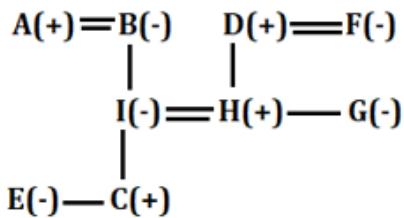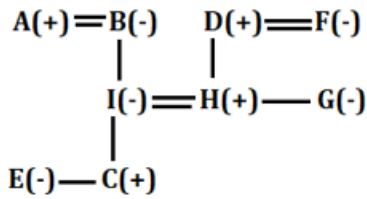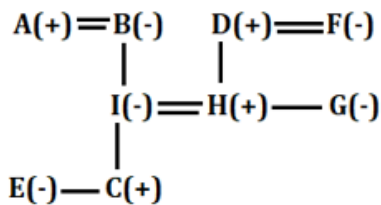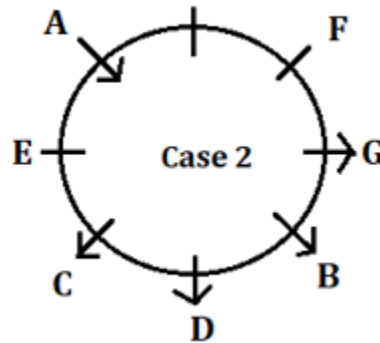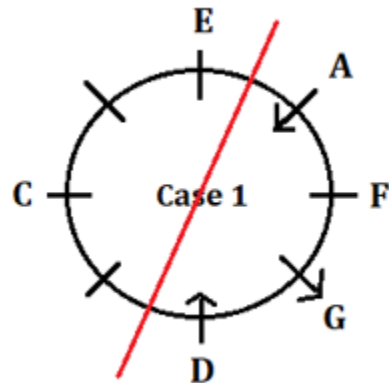
S21. Ans.(a)
Sol. Final arrangement:

Clues: A is facing the center and is sitting third to the right of D. E is sitting immediately to the right of A.
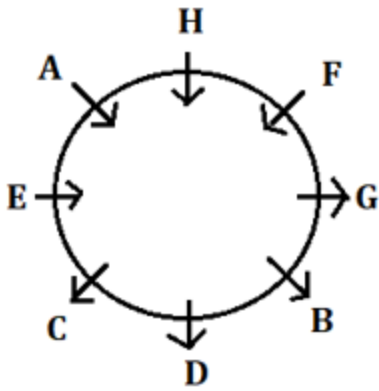**Inference**: We have two possible cases here.
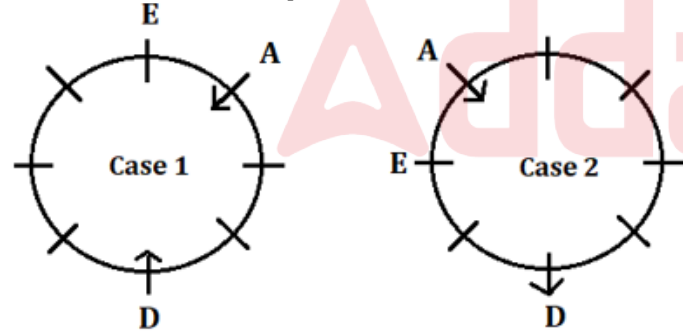
Clues: G is facing outward and is not sitting next to E or A. F is sitting to the immediate left of G. C and F are sitting directly opposite each other. C is facing outward and is sitting two places to the right of B.
Inference: Case 1 will cancel here as there is no place for B.

Clues: H and his neighbors are facing same direction as E.
Inference: Now, the final arrangement is:

Option (a) is true about F's position.

S22. Ans.(c)
Sol. Final arrangement:
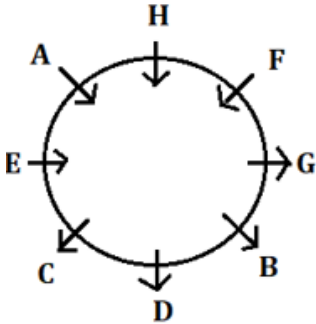
Clues: A is facing the center and is sitting third to the right of D. E is sitting immediately to the right of A.
Inference: We have two possible cases here.

Clues: G is facing outward and is not sitting next to E or A. F is sitting to the immediate left of G. C and F are sitting directly opposite each other. C is facing outward and is sitting two places to the right of B.
Inference: Case 1 will cancel here as there is no place for B.

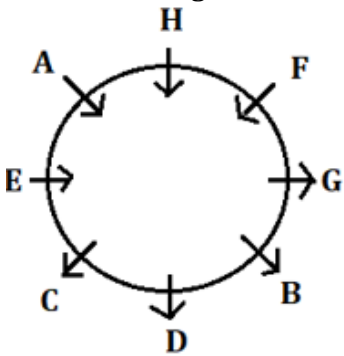**Clues**: H and his neighbors are facing same direction as E.
Inference: Now, the final arrangement is:

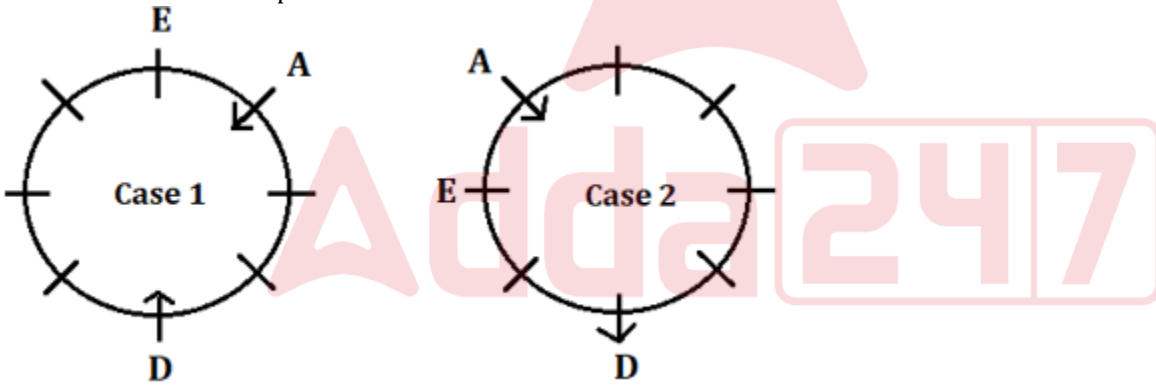C is sitting third to the right of H.

S23. Ans.(d)
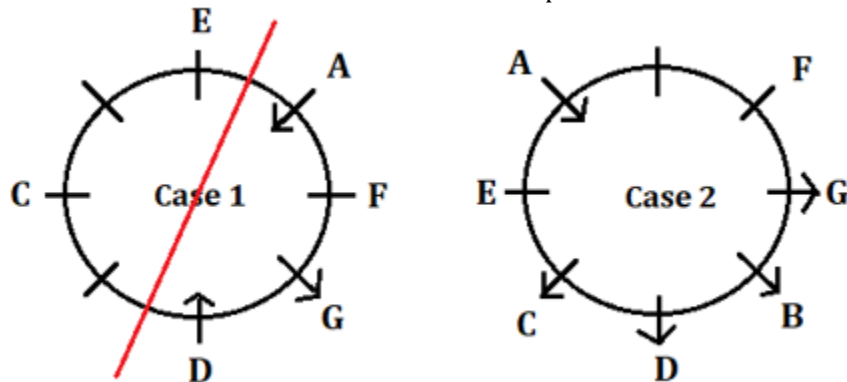**Sol. Final arrangement**:

Clues: A is facing the center and is sitting third to the right of D. E is sitting immediately to the right of A.
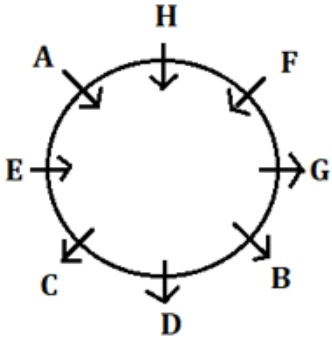**Inference**: We have two possible cases here.

Clues: G is facing outward and is not sitting next to E or A. F is sitting to the immediate left of G. C and F are sitting directly opposite each other. C is facing outward and is sitting two places to the right of B.
Inference: Case 1 will cancel here as there is no place for B.

Clues: H and his neighbors are facing same direction as E.
Inference: Now, the final arrangement is:

B sits directly opposite to A.

S24. Ans.(e)
Sol. Final arrangement:

Clues: A is facing the center and is sitting third to the right of D. E is sitting immediately to the right of A.
Inference: We have two possible cases here.

Clues: G is facing outward and is not sitting next to E or A. F is sitting to the immediate left of G. C and F are sitting directly opposite each other. C is facing outward and is sitting two places to the right of B.
Inference: Case 1 will cancel here as there is no place for B.

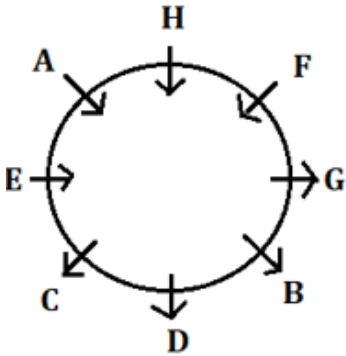**Clues**: H and his neighbors are facing same direction as E.
Inference: Now, the final arrangement is:
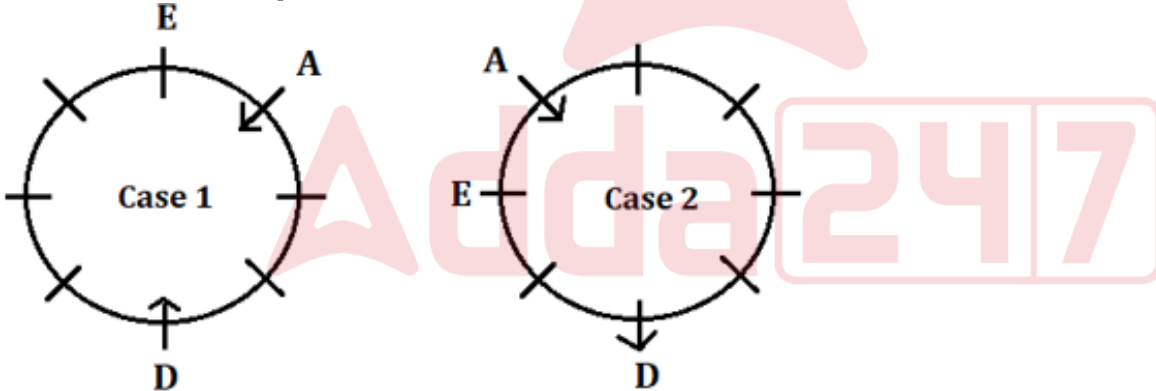

Except B, all face inside.

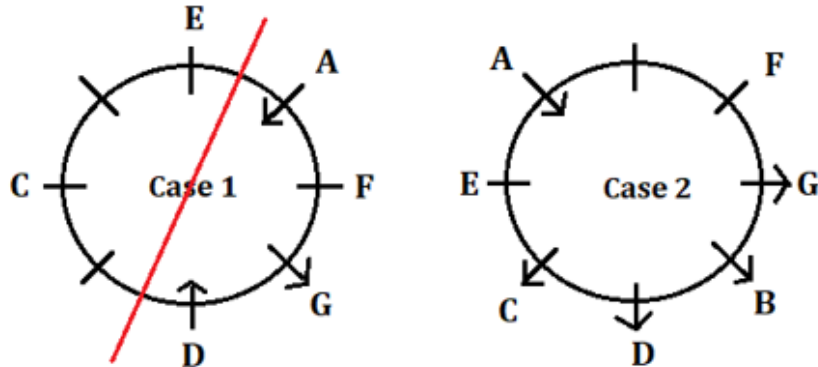**S25. Ans.(a)**
Sol. Final arrangement:

Clues: A is facing the center and is sitting third to the right of D. E is sitting immediately to the right of A.
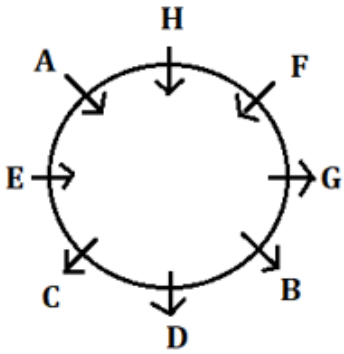**Inference**: We have two possible cases here.

Clues: G is facing outward and is not sitting next to E or A. F is sitting to the immediate left of G. C and F are sitting directly opposite each other. C is facing outward and is sitting two places to the right of B.
Inference: Case 1 will cancel here as there is no place for B.

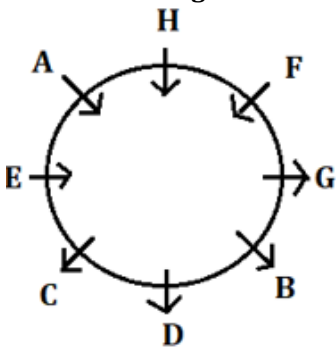**Clues**: H and his neighbors are facing same direction as E.
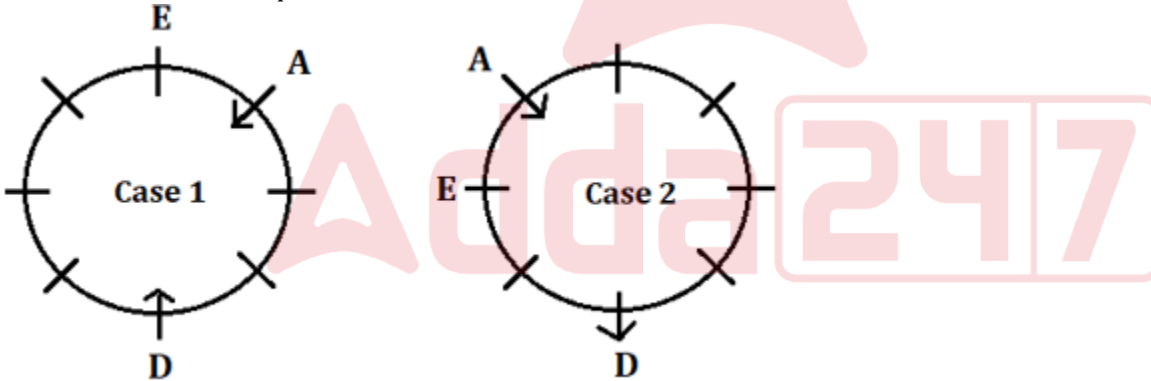**Inference**: Now, the final arrangement is:
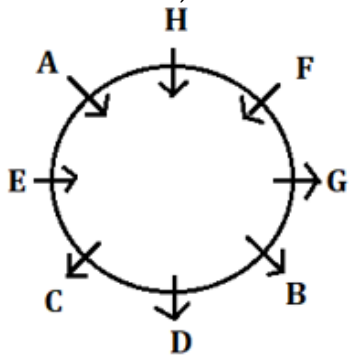
If E and B interchange their positions, then no one will sit between G and E when counted from the right of G

S26. Ans.(d)

S27. Ans.(e)
Sol. G #, A %

S28. Ans.(e)
Sol. 10th element from the left end is W, 8th element from the right end is Z
Exactly middle element between W and Z is 9.

S29. Ans.(b)
Sol. New series = 7 G K 2 L 3 W 5 **N** 8 Y 1 Q 9 E 4 R 0 J M 6 Z U I X C A D
15th from the left = E, 6th to the left of E = N

S30. Ans.(e)

S31. Ans.(d)
Sol.

Words	Codes
Sky	zi
Night	lo
Beautiful	na
Day	qi
And	ye
Stars	pa
Brighten	du
Having	mo
With	ka

S32. Ans.(b)
Sol.

Words	Codes
Sky	zi
Night	lo
Beautiful	na
Day	qi
And	ye
Stars	pa
Brighten	du
Having	mo
With	ka

S33. Ans.(b)
Sol.

Words	Codes
Sky	zi
Night	lo
Beautiful	na
Day	qi
And	ye
Stars	pa
Brighten	du
Having	mo
With	ka

S34. Ans.(d)
Sol.

Words	Codes
Sky	zi
Night	lo
Beautiful	na
Day	qi
And	ye
Stars	pa
Brighten	du
Having	mo
With	ka

S35. Ans.(c)
Sol.

Words	Codes
Sky	zi
Night	lo
Beautiful	na
Day	qi
And	ye
Stars	pa
Brighten	du
Having	mo
With	ka

S36. Ans.(a)
Sol. **Final arrangement**:

Number	Boxes	Colors
7	F	Gold
6	D	Cyan
5	B	Black
4	C	Brown
3	E	Violet
2	G	Orange
1	A	Silver

Clues: Box C is placed three boxes below the gold box. Box C is not at the bottommost position.
The number of boxes above the gold box is equal to the number of boxes below the silver box.
Inference: We have three possible cases here.

Number	Boxes	Colors	Boxes	Colors	Boxes	Colors
		Case 1		Case 2		Case 3
7		Gold				
6				Gold		
5						Gold
4	C					
3			C			Silver
2				Silver	C	
1		Silver				

Clues: The violet box is placed immediately above the orange box. Box C is neither violet nor orange box. Box D is placed immediately below the box that is positioned three boxes above the brown box. Box D is placed above violet box.
Inference: Case 2 and case 3 will cancel here.

Number	Boxes	Colors	Boxes	Colors	Boxes	Colors
		Case 1		Case 2		Case 3
7		Gold				Violet
6	D			Gold		Orange
5				Violet		Gold
4	C	Brown		Orange		
3		Violet	C			Silver
2		Orange		Silver	C	
1		Silver				

Clues: Box E is positioned two boxes below the black box. Box G is placed just above box A. Box B is neither Gold nor cyan box.
Inference: Remaining box is box F. So, the final arrangement is:

Number	Boxes	Colors
7	F	Gold
6	D	Cyan
5	B	Black
4	C	Brown
3	E	Violet
2	G	Orange
1	A	Silver

Box A is placed at the bottommost position.

S37. Ans.(a)
Sol. Final arrangement:

Number	Boxes	Colors
7	F	Gold
6	D	Cyan
5	B	Black
4	C	Brown
3	E	Violet
2	G	Orange
1	A	Silver

Clues: Box C is placed three boxes below the gold box. Box C is not at the bottommost position.
The number of boxes above the gold box is equal to the number of boxes below the silver box.
Inference: We have three possible cases here.

Number	Boxes	Colors	Boxes	Colors	Boxes	Colors
		Case 1		Case 2		Case 3
7		Gold				
6				Gold		
5						Gold
4	C					
3			C			Silver
2				Silver	C	
1		Silver				

Clues: The violet box is placed immediately above the orange box. Box C is neither violet nor orange box. Box D is placed immediately below the box that is positioned three boxes above the brown box. Box D is placed above violet box.

Inference: Case 2 and case 3 will cancel here.

Number	Boxes	Colors	~~Boxes~~	~~Colors~~	~~Boxes~~	~~Colors~~
		Case 1		~~Case 2~~		~~Case 3~~
7		Gold				~~Violet~~
6	D			~~Gold~~		~~Orange~~
5				~~Violet~~		~~Gold~~
4	C	Brown		~~Orange~~		
3		Violet	~~C~~			~~Silver~~
2		Orange		~~Silver~~	~~C~~	
1		Silver				

Clues: Box E is positioned two boxes below the black box. Box G is placed just above box A. Box B is neither Gold nor cyan box.

Inference: Remaining box is box F. So, the final arrangement is:

Number	Boxes	Colors
7	F	Gold
6	D	Cyan
5	B	Black
4	C	Brown
3	E	Violet
2	G	Orange
1	A	Silver

Box G is of orange color.

S38. Ans.(b)

Sol. Final arrangement:

Number	Boxes	Colors
7	F	Gold
6	D	Cyan
5	B	Black
4	C	Brown
3	E	Violet
2	G	Orange
1	A	Silver

Clues: Box C is placed three boxes below the gold box. Box C is not at the bottommost position.

The number of boxes above the gold box is equal to the number of boxes below the silver box.

Inference: We have three possible cases here.

Number	Boxes	Colors	Boxes	Colors	Boxes	Colors
		Case 1		Case 2		Case 3
7		Gold				
6				Gold		
5						Gold
4	C					
3			C			Silver
2				Silver	C	
1		Silver				

Clues: The violet box is placed immediately above the orange box. Box C is neither violet nor orange box. Box D is placed immediately below the box that is positioned three boxes above the brown box. Box D is placed above violet box.

Inference: Case 2 and case 3 will cancel here.

Number	Boxes	Colors	Boxes	Colors	Boxes	Colors
	Case 1		Case 2		Case 3	
7		Gold				~~Violet~~
6	D			~~Gold~~		~~Orange~~
5				~~Violet~~		~~Gold~~
4	C	Brown		~~Orange~~		
3		Violet	~~C~~			~~Silver~~
2		Orange		~~Silver~~	~~C~~	
1		Silver				

Clues: Box E is positioned two boxes below the black box. Box G is placed just above box A. Box B is neither Gold nor cyan box.
Inference: Remaining box is box F. So, the final arrangement is:

Number	Boxes	Colors
7	F	Gold
6	D	Cyan
5	B	Black
4	C	Brown
3	E	Violet
2	G	Orange
1	A	Silver

Cyan box is 6th number box.

S39. Ans.(b)
Sol. Final arrangement:

Number	Boxes	Colors
7	F	Gold
6	D	Cyan
5	B	Black
4	C	Brown
3	E	Violet
2	G	Orange
1	A	Silver

Clues: Box C is placed three boxes below the gold box. Box C is not at the bottommost position.
The number of boxes above the gold box is equal to the number of boxes below the silver box.
Inference: We have three possible cases here.

Number	Boxes	Colors	Boxes	Colors	Boxes	Colors
	Case 1		Case 2		Case 3	
7		Gold				
6				Gold		
5						Gold
4	C					
3			C			Silver
2				Silver	C	
1		Silver				

Clues: The violet box is placed immediately above the orange box. Box C is neither violet nor orange box. Box D is placed immediately below the box that is positioned three boxes above the brown box. Box D is placed above violet box.
Inference: Case 2 and case 3 will cancel here.

Number	Boxes	Colors	Boxes	Colors	Boxes	Colors
	Case 1		Case 2		Case 3	
7		Gold				~~Violet~~
6	D			~~Gold~~		~~Orange~~
5				~~Violet~~		~~Gold~~
4	C	Brown		~~Orange~~		
3		Violet	~~C~~			~~Silver~~
2		Orange		~~Silver~~	~~C~~	
1		Silver				

Clues: Box E is positioned two boxes below the black box. Box G is placed just above box A. Box B is neither Gold nor cyan box.
Inference: Remaining box is box F. So, the final arrangement is:

Number	Boxes	Colors
7	F	Gold
6	D	Cyan
5	B	Black
4	C	Brown
3	E	Violet
2	G	Orange
1	A	Silver

Boxes in option (b) are adjacent to each other.

S40. Ans.(b)
Sol. Final arrangement:

Number	Boxes	Colors
7	F	Gold
6	D	Cyan
5	B	Black
4	C	Brown
3	E	Violet
2	G	Orange
1	A	Silver

Clues: Box C is placed three boxes below the gold box. Box C is not at the bottommost position.
The number of boxes above the gold box is equal to the number of boxes below the silver box.
Inference: We have three possible cases here.

Number	Boxes	Colors	Boxes	Colors	Boxes	Colors
	Case 1		Case 2		Case 3	
7		Gold				
6				Gold		
5						Gold
4	C					
3			C			Silver
2				Silver	C	
1		Silver				

Clues: The violet box is placed immediately above the orange box. Box C is neither violet nor orange box. Box D is placed immediately below the box that is positioned three boxes above the brown box. Box D is placed above violet box.
Inference: Case 2 and case 3 will cancel here.

Number	Boxes	Colors	~~Boxes~~	~~Colors~~	~~Boxes~~	~~Colors~~
	Case 1		~~Case 2~~		~~Case 3~~	
7		Gold				~~Violet~~
6	D			~~Gold~~		~~Orange~~
5				~~Violet~~		~~Gold~~
4	C	Brown		~~Orange~~		
3		Violet	~~C~~			~~Silver~~
2		Orange		~~Silver~~	~~C~~	
1		Silver				

Clues: Box E is positioned two boxes below the black box. Box G is placed just above box A. Box B is neither Gold nor cyan box.
Inference: Remaining box is box F. So, the final arrangement is:

Number	Boxes	Colors
7	F	Gold
6	D	Cyan
5	B	Black
4	C	Brown
3	E	Violet
2	G	Orange
1	A	Silver

Two boxes are placed above box B.

S41. Ans.(b)
Sol. Correct Answer: (b) To achieve economies of scale and market expansion
Explanation: The passage states, "At their core, bank mergers are driven by the pursuit of efficiency, market expansion, and enhanced competitive edge." This line clearly indicates that the primary drivers are efficiency, market expansion, and gaining a competitive advantage, aligning with Option B.

S42. Ans.(c)
Sol. Correct Answer: (c) Concentration of market power leading to possible higher fees for consumers
Explanation: The passage mentions, "They often lead to a concentration of market power, which can stifle competition and lead to higher fees and interest rates for consumers." This sentence validates that a significant challenge of bank mergers is the concentration of market power and its potential impact on consumers, as described in Option c.

S43. Ans.(a)
Sol. Correct Answer: (a) By providing a wider range of financial services
Explanation: The passage explains, "Furthermore, the amalgamation of technological resources post-merger can lead to innovative financial services, benefiting consumers." This suggests that one of the benefits for consumers is the potential for a wider range of innovative financial services, corresponding with Option A.

S44. Ans.(b)
Sol. Correct Answer: (b) They scrutinize mergers for potential threats to economic stability and consumer interests
Explanation: The passage states, "Regulatory hurdles are another significant aspect, as governments and financial authorities scrutinize these deals for potential threats to economic stability and consumer interests." This line directly supports Option B, indicating that regulatory authorities are involved in scrutinizing the mergers for potential risks.

S45. Ans.(c)
Sol. The incorrect statement is:
Mergers lead to an automatic reduction in banking service fees.
Explanation:
For option c, the passage does not state that mergers lead to an automatic reduction in banking service fees. In fact, it suggests that the concentration of market power might lead to higher fees for consumers.
Verification of Other Options:
Option a is correct as the passage states, "At their core, bank mergers are driven by the pursuit of efficiency, market expansion, and enhanced competitive edge."
Option b is supported by the line, "They often lead to a concentration of market power, which can stifle competition..."
Option d is validated by the statement, "the cultural integration of merging entities poses a substantial challenge, often determining the success or failure of the merger."
Option e is correct according to, "governments and financial authorities scrutinize these deals for potential threats to economic stability and consumer interests."

S46. Ans.(c)
Sol. They may stifle competition and lead to higher fees for consumers. The passage mentions, "They often lead to a concentration of market power, which can stifle competition and lead to higher fees and interest rates for consumers."

S47. Ans.(b)
Sol. Correct Answer: (b) Massive
Meanings:
Tiny: Very small in size or amount.
Massive: Very large in size, amount, or extent.
Insignificant: Too small or unimportant to be worth consideration.
Negligible: So small or unimportant as to be not worth considering; insignificant.
Minute: Extremely small.

S48. Ans.(b)
Sol. Correct Answer: b. Separation
Meanings:
Union: The action or fact of joining or being joined, especially in a political context.
Separation: The action or state of moving or being moved apart.
Combination: A joining or merging of different parts or qualities in which the component elements are individually distinct.
Fusion: The process or result of joining two or more things together to form a single entity.
Integration: The action or process of integrating.

S49. Ans.(b)
Sol. The correct statement is:
The integration of technological resources is a key benefit of bank mergers.
Explanation:
For option b, the passage states, "Furthermore, the amalgamation of technological resources post-merger can lead to innovative financial services, benefiting consumers." This supports the statement that the integration of technological resources is a key benefit of bank mergers.
Verification of Other Options:
Option(a) is not supported by the passage, which focuses on efficiency and market expansion rather than workforce reduction.
Option (c) is incorrect as the passage does not guarantee lower interest rates; in fact, it suggests the opposite might occur due to market power concentration.
Option (d) is not mentioned or implied in the passage.
Option (e) is contradicted by the passage, which states that regulatory authorities play a significant role in scrutinizing mergers for potential threats.

S50. Ans.(b)
Sol.
Correct Answer: (b) pioneered
Meanings:
Supplanted: Replaced or superseded, especially by force or treachery.
Pioneered: Developed or were the first to use or apply (a new method, area of knowledge, or activity).
Marred: Impaired the appearance of; disfigured.
Negated: Nullified; made ineffective.
Curtailed: Reduced in extent or quantity; imposed a restriction on.

S51. Ans.(b)
Sol. Correct Answer: (b) inaugurated
Meanings:
Obliterated: Destroyed utterly; wiped out.
Inaugurated: Began or introduced (a system, policy, or period).
Rescinded: Revoked, canceled, or repealed (a law, order, or agreement).
Extinguished: Caused (a fire or light) to cease to burn or shine.
Vacated: Left (a place that one previously occupied).

S52. Ans.(e)
Sol. Correct Answer: (e) instituted
Meanings:
Revoked: Took back; canceled or reversed (a decision, right, or agreement).
demolished: pull or knock down (a building).
Ratified: Gave formal consent to (a treaty, contract, or agreement), making it officially valid.
Nullified: Made legally null and void; invalidated.
Instituted: Set in motion or established (something, especially a program, system, or inquiry).

S53. Ans.(b)
Sol. Correct Answer: (b) stimulated
Meanings:
Prohibited: Formally forbidden by law, rule, or other authority.
Stimulated: Encouraged or aroused interest or enthusiasm.
Mitigated: Made less severe, serious, or painful.
destroyed: end the existence of (something) by damaging or attacking it.
Circumvented: Found a way around (an obstacle or rule).

S54. Ans.(c)
Sol. Correct Answer: (c) heralded
Meanings:
Obliterated: Completely destroyed or wiped out.
Mirrored: Reflected something.
Heralded: Signaled the approach of or announced something.
Annihilate: destroy utterly; obliterate.
Suppressed: Forcibly put an end to.

S55. Ans.(a)
Sol. Correct Answer: (a) Every students
Explanation: The error is in Part (A). The phrase "Every students" is incorrect because "every" is used with singular nouns, so it should be "Every student". The correct phrase should be "Every student in the class". This error is related to subject-verb agreement and the singular form of nouns used with quantifiers like "every".

S56. Ans.(d)
Sol. Correct Answer: (d) Were surprisingly high
Explanation: The error is in Part (D). The correct verb form should be "was" because the subject "The number of" is singular. The correct phrase should be "was surprisingly high". This is another case of subject-verb agreement where the subject "the number" (singular) dictates a singular verb.

S57. Ans.(a)
Sol. Correct Answer: (a) There is
Explanation: The error is in Part (A). The phrase should be "There are" because "a variety of reasons" is considered a plural subject. The correct phrase should be "There are a variety of reasons". This is due to the subject-verb agreement rule where the verb should match the plurality of the subject.

S58. Ans.(c)
Sol. Correct Answer: (c) Is well-known
Explanation: The error is in Part (C). The subject "His abilities" is plural, so the verb should be "are" instead of "is". The correct phrase should be "are well-known". This is a subject-verb agreement issue where the verb must agree in number with its plural subject.

S59. Ans.(d)
Sol. Correct Answer: (d) Are the understanding
Explanation: The error is in Part (D). The correct verb form should be "is" because the subject of the sentence is "One", which is singular. The correct phrase should be "is the understanding". This is a common mistake in sentences starting with "One of the", where the verb should agree with "One", not the plural noun following it.

S60. Ans.(e)
Sol. Correct Answer: (e) All are correct.
Explanation: All parts of the sentence are grammatically correct. "Neither of the two solutions" correctly uses the singular verb "seems" because "neither" is a singular subject when referring to two things. This follows the rule of subject-verb agreement where singular subjects take singular verbs.

S61. Ans.(c)
Sol. Correct Answer: (c) Has completed the survey
Explanation: The error is in Part (C). The correct verb form should be "have" instead of "has". The phrase should be "participants who have completed the survey". This is because "Many of the participants" is a plural subject, and thus, it requires a plural verb for agreement.

S62. Ans.(b)
Sol. Correct Answer: (b) Are planning to
Explanation: The error is in Part (B). The subject "The committee" is singular, and the verb should be "is" instead of "are". The correct phrase should be "The committee is planning to". In English, collective nouns like "committee" are usually treated as singular, especially when we are thinking of the group as a single entity.

S63. Ans.(b)
Sol. (b) soar
Meanings:
Stagnate: To stop developing, growing, or making progress.
Soar: To increase rapidly above the usual level.
Plummet: To fall or drop straight down at high speed.
Fluctuate: To rise and fall irregularly in number or amount.
Freeze: To become fixed at a particular level or in a particular condition.

S64. Ans.(b)
Sol. (b) peak
Meanings:
Acceleration: The process of speeding up.
Peak: The highest or most important point or level.
Decline: A gradual and continuous loss of strength, numbers, quality, or value.
Expansion: The action of becoming larger or more extensive.
Stability: The state of being stable or not changing.

S65. Ans.(d)
Sol. (d) recession
Meanings:
Boom: A period of great prosperity or rapid economic growth.
Growth: The process of increasing in size.
Prosperity: The state of being prosperous.
Recession: A period of temporary economic decline during which trade and industrial activity are reduced.
Surge: A sudden powerful forward or upward movement.

S66. Ans.(e)
Sol. (e) decrease
Meanings:
Escalate: To increase rapidly.
Maintain: To cause or enable to continue.
Abolish: To formally put an end to.
Increase: To become or make greater in size, amount, intensity, or degree.
Decrease: To make or become smaller or fewer in size, amount, intensity, or degree.

S67. Ans.(c)
Sol. (c) spending
Meanings:
Taxes: Compulsory contributions to state revenue.
Interest: Money paid regularly at a particular rate for the use of borrowed money.
Spending: The amount of money spent, especially for a specific purpose.
Profits: Financial gain, especially the difference between the amount earned and the amount spent.
Debts: Something, typically money, that is owed or due.

S68. Ans.(e)
Sol. (e) alleviate
Meanings:
Exacerbate: To make a problem, bad situation, or negative feeling worse.
Ignore: To refuse to take notice of or acknowledge.
Observe: To notice or perceive something and register it as being significant.
Prolong: To extend the duration of.
Alleviate: To make less severe, serious, or painful.

S69. Ans.(d)
Sol. Meanings:
Investments: The action or process of investing money for profit or material result.
Assets: Items of property owned by a person or company, regarded as having value and available to meet debts, commitments, or legacies.
Surplus: An amount of something left over when requirements have been met; an excess of production or supply over demand.
Debt: Something, typically money, that is owed or due.
Wealth: An abundance of valuable possessions or money.

S70. Ans.(c)
Sol. The correct answer is C. This is supported by various parts of the passage. For instance, "Indian farmers, constituting approximately 58% of the population, grapple with a multitude of challenges" highlights the range of issues they face. Specific challenges are detailed further: "erratic weather patterns exacerbated by climate change," "burdensome debts," "small landholdings," and "despite the government's efforts through various schemes." These points collectively support option C, which comprehensively captures the broad spectrum of difficulties faced by Indian farmers, including but not limited to government initiatives, environmental challenges, and economic constraints. Options A, B, D, and E are too narrow or inaccurate representations of the passage's content.

S71. Ans.(b)
Sol. The incorrect statement is B. The passage acknowledges the government's efforts through schemes like PM-KISAN but indicates that "the impact on the ground remains limited." This implies that these schemes have not completely resolved the financial issues of farmers. The other statements are accurate reflections of the passage's content.

S72. Ans.(b)
Sol. The synonym for 'plight' in this context is B, Predicament. In the passage, 'plight' refers to the difficult or unfavorable situation faced by Indian farmers. 'Predicament' means a difficult, unpleasant, or embarrassing situation, which aligns with the meaning of 'plight.' The other options are not synonyms: 'Fortune' and 'Prosperity' suggest good luck or success, 'Advantage' refers to a condition or circumstance that puts one in a favorable position, and 'Benefit' is something that provides an advantage or gain.

S73. Ans.(c)
Sol. The correct answer is option (c), Only (II). This is supported by specific lines from the passage:
For option (II), the passage explicitly states, "Structural issues like lack of access to modern technology, inadequate storage and transportation facilities, and an overdependence on monsoon rains continue to overshadow these initiatives." This line directly supports the statement that one of the structural issues in Indian agriculture is the lack of access to modern technology.
The other options are not supported by the passage:
Option (I) is incorrect because the passage does not mention an overreliance on technology; instead, it highlights a lack of access to modern technology.
Option (III) contradicts the passage, which mentions an overdependence on monsoon rains, indicating that Indian agriculture is not fully independent of these rains.
Option (IV) is directly contradicted by the passage, which mentions inadequate storage and transportation facilities, not well-developed ones.
The passage clearly outlines the structural challenges faced by Indian farmers, emphasizing issues like inadequate access to technology and dependence on traditional practices like reliance on monsoon rains.

S74. Ans.(c)

Sol. The antonym of 'exacerbated' is C, Alleviated. In the passage, 'exacerbated' is used in the context of worsening weather patterns due to climate change. 'Exacerbate' means to make a bad situation worse. 'Alleviate' means to make less severe, which is the opposite of exacerbating. The other options are synonyms or related in meaning to 'exacerbate': 'Aggravated,' 'Worsened,' 'Intensified,' and 'Escalated' all imply an increase in severity or intensity.

S75. Ans.(b)

Sol. The correct answer is option (b), Both (II) and (III). This can be supported by specific lines from the passage:

For option (II), the passage states, "the National Agriculture Market (e-NAM) intended to ensure better prices through a digital marketplace." This supports the idea that e-NAM is designed to provide better market access and fair pricing for farmers' produce through a digital platform.

For option (III), the passage notes, "Despite the government's efforts through various schemes... the impact on the ground remains limited." This indicates that while the government initiatives aim to support farmers, they have not been completely successful in improving the overall situation of farmers significantly.

Options (I) and (IV) are not supported by the passage:

Option (I) is incorrect because the passage does not claim that PM-KISAN has transformed the agricultural sector entirely or addressed all major concerns of farmers.

Option (IV) is contradicted by the passage, as it does not mention the complete eradication of debt among farmers due to government initiatives.

S76. Ans.(c)

Sol. The correct sequence is CABFE.

Explanation for Correct Sequence and Identification of Odd One Out:

C (First): Sets the stage by talking about the increase in online transactions due to the digital age, which is the starting point for the discussion on cybersecurity.

A (Second): Follows logically by introducing the problem of cybercriminals targeting online platforms, a direct consequence of the digital shift mentioned in C.

B (Third): Naturally follows as it discusses cybersecurity becoming a critical concern due to the threats highlighted in A.

F (Fourth): Describes the actual cybersecurity measures being taken, directly relating to the concern mentioned in B.

E (Fifth): Wraps up the paragraph by mentioning the broader response of governments and industries to the cybersecurity issues discussed earlier.

D (Odd One Out): Is the odd one out because it discusses the preference for cash transactions, which doesn't fit into the overarching theme of the paragraph focused on the rise of online transactions and the corresponding cybersecurity challenges and responses.

S77. Ans.(a)

Sol. The correct sequence is CABFE.

Explanation for Correct Sequence and Identification of Odd One Out:

C (First): Sets the stage by talking about the increase in online transactions due to the digital age, which is the starting point for the discussion on cybersecurity.

A (Second): Follows logically by introducing the problem of cybercriminals targeting online platforms, a direct consequence of the digital shift mentioned in C.

B (Third): Naturally follows as it discusses cybersecurity becoming a critical concern due to the threats highlighted in A.

F (Fourth): Describes the actual cybersecurity measures being taken, directly relating to the concern mentioned in B.

E (Fifth): Wraps up the paragraph by mentioning the broader response of governments and industries to the cybersecurity issues discussed earlier.

D (Odd One Out): Is the odd one out because it discusses the preference for cash transactions, which doesn't fit into the overarching theme of the paragraph focused on the rise of online transactions and the corresponding cybersecurity challenges and responses.

S78. Ans.(e)

Sol. The correct sequence is CABFE.

Explanation for Correct Sequence and Identification of Odd One Out:

C (First): Sets the stage by talking about the increase in online transactions due to the digital age, which is the starting point for the discussion on cybersecurity.

A (Second): Follows logically by introducing the problem of cybercriminals targeting online platforms, a direct consequence of the digital shift mentioned in C.

B (Third): Naturally follows as it discusses cybersecurity becoming a critical concern due to the threats highlighted in A.

F (Fourth): Describes the actual cybersecurity measures being taken, directly relating to the concern mentioned in B.

E (Fifth): Wraps up the paragraph by mentioning the broader response of governments and industries to the cybersecurity issues discussed earlier.

D (Odd One Out): Is the odd one out because it discusses the preference for cash transactions, which doesn't fit into the overarching theme of the paragraph focused on the rise of online transactions and the corresponding cybersecurity challenges and responses.

S79. Ans.(d)

Sol. The correct sequence is CABFE.

Explanation for Correct Sequence and Identification of Odd One Out:

C (First): Sets the stage by talking about the increase in online transactions due to the digital age, which is the starting point for the discussion on cybersecurity.

A (Second): Follows logically by introducing the problem of cybercriminals targeting online platforms, a direct consequence of the digital shift mentioned in C.

B (Third): Naturally follows as it discusses cybersecurity becoming a critical concern due to the threats highlighted in A.

F (Fourth): Describes the actual cybersecurity measures being taken, directly relating to the concern mentioned in B.

E (Fifth): Wraps up the paragraph by mentioning the broader response of governments and industries to the cybersecurity issues discussed earlier.

D (Odd One Out): Is the odd one out because it discusses the preference for cash transactions, which doesn't fit into the overarching theme of the paragraph focused on the rise of online transactions and the corresponding cybersecurity challenges and responses.

S80. Ans.(a)

Sol. The correct sequence is CABFE.

Explanation for Correct Sequence and Identification of Odd One Out:

C (First): Sets the stage by talking about the increase in online transactions due to the digital age, which is the starting point for the discussion on cybersecurity.

A (Second): Follows logically by introducing the problem of cybercriminals targeting online platforms, a direct consequence of the digital shift mentioned in C.

B (Third): Naturally follows as it discusses cybersecurity becoming a critical concern due to the threats highlighted in A.

F (Fourth): Describes the actual cybersecurity measures being taken, directly relating to the concern mentioned in B.

E (Fifth): Wraps up the paragraph by mentioning the broader response of governments and industries to the cybersecurity issues discussed earlier.

D (Odd One Out): Is the odd one out because it discusses the preference for cash transactions, which doesn't fit into the overarching theme of the paragraph focused on the rise of online transactions and the corresponding cybersecurity challenges and responses.

S81. Ans.(b)

Sol. For seller A: Total books sold = 800

Fiction books sold $= 800 \times \frac{35}{100} = 280$

Comedy books sold $= 800 \times \frac{25}{100} = 200$

Horror books sold $= 800 - (280 + 200) = 320$

For seller B: Total books sold = 720

Fiction books sold = 720× $\frac{40}{100}$ = 288

Comedy books sold = 720× $\frac{15}{100}$ = 108

Horror books sold = 720−(288 + 108) = 324

For seller C: Total books sold = 950

Fiction books sold = 950× $\frac{60}{100}$ = 570

Comedy books sold = 950× $\frac{20}{100}$ = 190

Horror books sold = 950−(570 + 190) = 190

For seller D: Total books sold = 1000

Fiction books sold = 1000× $\frac{45}{100}$ = 450

Comedy books sold = 1000× $\frac{22}{100}$ = 220

Horror books sold = 1000−(450 + 220) = 330

Required percentage = $\frac{450-324}{450}$ × 100 = 28%

S82. Ans.(d)
Sol. **For seller A**: Total books sold = 800

Fiction books sold = 800× $\frac{35}{100}$ = 280

Comedy books sold = 800× $\frac{25}{100}$ = 200

Horror books sold = 800−(280 + 200) = 320

For seller B: Total books sold = 720

Fiction books sold = 720× $\frac{40}{100}$ = 288

Comedy books sold = 720× $\frac{15}{100}$ = 108

Horror books sold = 720−(288 + 108) = 324

For seller C: Total books sold = 950

Fiction books sold = 950× $\frac{60}{100}$ = 570

Comedy books sold = 950× $\frac{20}{100}$ = 190

Horror books sold = 950−(570 + 190) = 190

For seller D: Total books sold = 1000

Fiction books sold = 1000× $\frac{45}{100}$ = 450

Comedy books sold = 1000× $\frac{22}{100}$ = 220

Horror books sold = 1000−(450 + 220) = 330

Comedy books sold by X = $\frac{5}{4}$ × 108 = 135

Fiction books sold by X = 135 × $\frac{80}{100}$ = 108

Total books sold by X = $\frac{800}{16}$ × 9 = 450

Horror books sold by X = 450 − 135 − 108 = 207

Required difference = 207 − 190 = 17

S83. Ans.(a)
Sol. For seller A: Total books sold = 800
Fiction books sold = $800 \times \frac{35}{100} = 280$
Comedy books sold = $800 \times \frac{25}{100} = 200$
Horror books sold = $800 - (280 + 200) = 320$

For seller B: Total books sold = 720
Fiction books sold = $720 \times \frac{40}{100} = 288$
Comedy books sold = $720 \times \frac{15}{100} = 108$
Horror books sold = $720 - (288 + 108) = 324$

For seller C: Total books sold = 950
Fiction books sold = $950 \times \frac{60}{100} = 570$
Comedy books sold = $950 \times \frac{20}{100} = 190$
Horror books sold = $950 - (570 + 190) = 190$

For seller D: Total books sold = 1000
Fiction books sold = $1000 \times \frac{45}{100} = 450$
Comedy books sold = $1000 \times \frac{22}{100} = 220$
Horror books sold = $1000 - (450 + 220) = 330$

Average number of comedy books sold by A and D = $\frac{200+220}{2} = 210$
Average number of fiction books sold by B and C = $\frac{288+570}{2} = 429$
Required percentage = $\frac{210}{429} \times 100 = 48.9\% \approx 49\%$

S84. Ans.(b)
Sol. For seller A: Total books sold = 800
Fiction books sold = $800 \times \frac{35}{100} = 280$
Comedy books sold = $800 \times \frac{25}{100} = 200$
Horror books sold = $800 - (280 + 200) = 320$

For seller B: Total books sold = 720
Fiction books sold = $720 \times \frac{40}{100} = 288$
Comedy books sold = $720 \times \frac{15}{100} = 108$
Horror books sold = $720 - (288 + 108) = 324$

For seller C: Total books sold = 950
Fiction books sold = $950 \times \frac{60}{100} = 570$
Comedy books sold = $950 \times \frac{20}{100} = 190$
Horror books sold = $950 - (570 + 190) = 190$

For seller D: Total books sold = 1000

Fiction books sold = $1000 \times \frac{45}{100} = 450$

Comedy books sold = $1000 \times \frac{22}{100} = 220$

Horror books sold = $1000 - (450 + 220) = 330$

Horror books were sold by D to males = $330 \times \frac{2}{3} = 220$

Horror books were sold by D to females = $330 \times \frac{1}{3} = 110$

Horror books were sold by A to females = $\frac{140}{100} \times 110 = 154$

Horror books were sold by A to males = $320 - 154 = 166$

Required ratio = $220 : 166 = 110 : 83$

S85. Ans.(d)
Sol. For seller A: Total books sold = 800

Fiction books sold = $800 \times \frac{35}{100} = 280$

Comedy books sold = $800 \times \frac{25}{100} = 200$

Horror books sold = $800 - (280 + 200) = 320$

For seller B: Total books sold = 720

Fiction books sold = $720 \times \frac{40}{100} = 288$

Comedy books sold = $720 \times \frac{15}{100} = 108$

Horror books sold = $720 - (288 + 108) = 324$

For seller C: Total books sold = 950

Fiction books sold = $950 \times \frac{60}{100} = 570$

Comedy books sold = $950 \times \frac{20}{100} = 190$

Horror books sold = $950 - (570 + 190) = 190$

For seller D: Total books sold = 1000

Fiction books sold = $1000 \times \frac{45}{100} = 450$

Comedy books sold = $1000 \times \frac{22}{100} = 220$

Horror books sold = $1000 - (450 + 220) = 330$

Required revenue = 12×200+15×190
=2400+2850=Rs 5250

S86. Ans.(e)
Sol.
I. $3x^2 - 14x + 15 = 0$
$3x^2 - 9x - 5x + 15 = 0$
$3x(x - 3) - 5(x - 3) = 0$
$(3x - 5)(x - 3)$
$x = 3, \dfrac{5}{3}$

II. $2y^2 - 11y + 14 = 0$

$2y^2 - 4y - 7y + 14 = 0$

$2y(y - 2) - 7(y - 2) = 0$

$(2y - 7)(y - 2) = 0$

$y = \dfrac{7}{2}, 2$

So, no relation can be established between x and y

S87. Ans.(e)
Sol.

I. $9x^2 - 4x - 5 = 0$

$9x^2 - 9x + 5x - 5 = 0$

$9x(x - 1) + 5(x - 1) = 0$

$(9x + 5)(x - 1) = 0$

$x = -\dfrac{5}{9}, 1$

II. $6y^2 + 23y + 7 = 0$

$6y^2 + 21y + 2y + 7 = 0$

$3y(2y + 7) + 1(2y + 7) = 0$

$(3y + 1)(2y + 7) = 0$

$y = -\dfrac{1}{3}, -\dfrac{7}{2}$

So, no relation can be established between x and y

S88. Ans.(d)
Sol.

I. $2x^2 - 13x - 7 = 0$

$2x^2 - 14x + x - 7 = 0$

$2x(x - 7) + 1(x - 7) = 0$

$(x - 7)(2x + 1) = 0$

$x = 7, -0.5$

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

$y^2 - 7y - 8y + 56 = 0$

$y(y - 7) - 8(y - 7) = 0$

$(y - 7)(y - 8) = 0$

$y = 8, 7$

So, $x \leq y$

S89. Ans.(c)
Sol.

I. $(2x-4)^2 = 9$

$2x - 4 = 3$

$2x = 7$

$x = 3.5$

And

$2x - 4 = -3$

$2x = 1$

$x = \dfrac{1}{2}$

II. $\sqrt{y^6} = \dfrac{128 \times 2}{4}$

$y^3 = 64$

$y = 4$

So, x<y

S90. Ans.(b)

Sol.

I. $\dfrac{5}{x^2} - \dfrac{7}{x} + 2 = 0$

$5 - 7x + 2x^2 = 0$

$2x^2 - 7x + 5 = 0$

$2x^2 - 2x - 5x + 5 = 0$

$x = 1, \dfrac{5}{2}$

II. $\dfrac{8}{y^2} - 5 - \dfrac{3}{y} = 0$

$8 - 5y^2 - 3y = 0$

$5y^2 + 3y - 8 = 0$

$5y^2 + 8y - 5y - 8 = 0$

$y = 1, -\dfrac{8}{5}$

So, x≥y.

S91. Ans.(b)

Sol.

Profit sharing ratio of A, B and C = $X \times 8 : (X + 800) \times 12 : 2400 \times 4$

ATQ,

$\dfrac{(X + 800) \times 12}{8X + 9600} = \dfrac{5400}{3900}$

$13(X + 800) = 6(2X + 2400)$

$13X + 10400 = 12X + 14400$

$X = 4000$

S92. Ans.(e)

Sol. Let the cost price and the selling price of an article be Rs 5x & Rs 6x respectively.

And the marked price = $\dfrac{6}{3} \times 4 = Rs\ 8x$

ATQ,

$8x - 5x = 240$

$x = 80$

Profit = $6x - 5x = x = 9 = Rs\ 80$

Discount = $8x - 6x = 2x = Rs\ 160$

Required difference $160 - 80 = Rs\ 80$

S93. Ans.(d)
Sol.

Quantity of milk = $60 \times \frac{3}{5}$ = 36 litres

Quantity of water = $60 \times \frac{2}{5}$ = 24 litres

18 liters of water are added

New quantity of water = 24+18=42 liters

The new ratio of milk to water = 36 : 42 = 6 :7

ATQ,

$$36 - 26 \times \frac{6}{13} + X = 42 - 26 \times \frac{7}{13}$$

$$36 - 12 + X = 42 - 14$$

$$X = 4$$

S94. Ans.(a)
Sol. ATQ,

$$\frac{1}{X} + \frac{1}{X+5} = \frac{7}{60}$$

$$\frac{X+5+X}{X \times (X+5)} = \frac{7}{60}$$

$$60(2X + 5) = 7(X^2 + 5X)$$

$$120X + 300 = 7X^2 + 35X$$

$$7X^2 - 85X - 300 = 0$$

$$7X^2 - 105X + 20X - 300 = 0$$

$$X = 15, -\frac{20}{7}$$

$$X = 15$$

So, A can complete a work in 15 days, and B can complete the work in 20 days.

Total work = $(LCM \ of \ 15 \ \& \ 20)$ = 60 units

Efficiency of A = $\frac{60}{15}$ = 4 units/day

Efficiency of B = $\frac{60}{20}$ = 3 units/day

Efficiency of C = $3 \times \frac{5}{3}$ = 5 units/day

Required day = $\frac{60}{9} = \frac{20}{3}$ days

S95. Ans.(b)
Sol. Let the speed of the boat in still water and speed of the stress be x km/hr and y km/hr respectively.
ATQ,

$$\frac{(x+y)}{y} = \frac{6}{1}$$

$$x + y = 6y$$

$$x = 5y$$

$$\frac{x}{y} = \frac{5}{1} = \frac{5a}{1a}$$

Given,

$$\frac{180}{9} = (5a - a)$$

$20 = 4a$

$5 = a$

Required time = $\frac{50}{5 \times 5}$ = 2 hours

S96. Ans.(c)

Sol. Total doctors and nurses in hospital B = 120

Total doctors and nurses in all four hospitals = $\frac{120}{15} \times 100 = 800$

Total doctors and nurses in hospital A = $800 \times \frac{25}{100} = 200$

Total doctors and nurses in hospital C = $800 \times \frac{20}{100} = 160$

Total doctors and nurses in hospital D = $800 \times \frac{40}{100} = 320$

Total doctors in hospital C = 85

Total nurses in hospital C = $160 - 85 = 75$

Total nurses in all four hospitals = $\frac{75}{15} \times 100 = 500$

Total nurses in hospital A = $500 \times \frac{30}{100} = 150$

Total nurses in hospital B = $500 \times \frac{10}{100} = 50$

Total nurses in hospital D = $500 \times \frac{45}{100} = 225$

Total doctors in hospital A = $200 - 150 = 50$

Total doctors in hospital B = $120 - 50 = 70$

Total doctors in hospital D = $320 - 225 = 95$

Required ratio = 150 :70=15:7

S97. Ans.(c)

Sol. Total doctors and nurses in hospital B = 120

Total doctors and nurses in all four hospitals = $\frac{120}{15} \times 100 = 800$

Total doctors and nurses in hospital A = $800 \times \frac{25}{100} = 200$

Total doctors and nurses in hospital C = $800 \times \frac{20}{100} = 160$

Total doctors and nurses in hospital D = $800 \times \frac{40}{100} = 320$

Total doctors in hospital C = 85

Total nurses in hospital C = $160 - 85 = 75$

Total nurses in all four hospitals = $\frac{75}{15} \times 100 = 500$

Total nurses in hospital A = $500 \times \frac{30}{100} = 150$

Total nurses in hospital B = $500 \times \frac{10}{100} = 50$

Total nurses in hospital D = $500 \times \frac{45}{100} = 225$

Total doctors in hospital A = $200 - 150 = 50$

Total doctors in hospital B = $120 - 50 = 70$

Total doctors in hospital D = $320 - 225 = 95$

Total doctors in hospitals C and B = $85 + 70 = 155$

Total nurses in hospital C and D = $75 + 225 = 300$

Required percentage = $\frac{300-155}{300} \times 100 = 48.33\%$

S98. Ans.(e)

Sol. Total doctors and nurses in hospital B = 120

Total doctors and nurses in all four hospitals = $\frac{120}{15} \times 100 = 800$

Total doctors and nurses in hospital A = $800 \times \frac{25}{100} = 200$

Total doctors and nurses in hospital C = $800 \times \frac{20}{100} = 160$

Total doctors and nurses in hospital D = $800 \times \frac{40}{100} = 320$

Total doctors in hospital C = 85

Total nurses in hospital C = $160 - 85 = 75$

Total nurses in all four hospitals = $\frac{75}{15} \times 100 = 500$

Total nurses in hospital A = $500 \times \frac{30}{100} = 150$

Total nurses in hospital B = $500 \times \frac{10}{100} = 50$

Total nurses in hospital D = $500 \times \frac{45}{100} = 225$

Total doctors in hospital A = $200 - 150 = 50$

Total doctors in hospital B = $120 - 50 = 70$

Total doctors in hospital D = $320 - 225 = 95$

Male doctors = $70 \times \frac{2}{5} = 28$

Female doctors = $70 \times \frac{3}{5} = 42$

Male nurses = $50 \times \frac{7}{10} = 35$

Female nurses = $50 \times \frac{3}{10} = 15$

Required difference = $(28 + 35) - (42 + 15)$

$= 63 - 57 = 6$

S99. Ans.(b)

Sol. Total doctors and nurses in hospital B = 120

Total doctors and nurses in all four hospitals = $\frac{120}{15} \times 100 = 800$

Total doctors and nurses in hospital A = $800 \times \frac{25}{100} = 200$

Total doctors and nurses in hospital C = $800 \times \frac{20}{100} = 160$

Total doctors and nurses in hospital D = $800 \times \frac{40}{100} = 320$

Total doctors in hospital C = 85

Total nurses in hospital C = $160 - 85 = 75$

Total nurses in all four hospitals = $\frac{75}{15} \times 100 = 500$

Total nurses in hospital A = $500 \times \frac{30}{100} = 150$

Total nurses in hospital B = $500 \times \frac{10}{100} = 50$

Total nurses in hospital D = $500 \times \frac{45}{100} = 225$

Total doctors in hospital A = $200 - 150 = 50$

Total doctors in hospital B = $120 - 50 = 70$

Total doctors in hospital D = $320 - 225 = 95$

Cardiologist doctors = $50 \times \frac{60}{100} = 30$
Orthopedist doctors = 50 – 30 = 20
Male orthopedist doctors = $\frac{1}{4} \times 20 = 5$
Female orthopedist doctors = $\frac{3}{4} \times 20 = 15$
Female cardiologist doctors = 27 − 15 = 12
Male cardiologist doctors = 30 − 12 = 18

S100. Ans.(a)
Sol. Total doctors and nurses in hospital B = 120
Total doctors and nurses in all four hospitals = $\frac{120}{15} \times 100 = 800$
Total doctors and nurses in hospital A = $800 \times \frac{25}{100} = 200$
Total doctors and nurses in hospital C = $800 \times \frac{20}{100} = 160$
Total doctors and nurses in hospital D = $800 \times \frac{40}{100} = 320$
Total doctors in hospital C = 85
Total nurses in hospital C = 160 − 85 = 75
Total nurses in all four hospitals = $\frac{75}{15} \times 100 = 500$
Total nurses in hospital A = $500 \times \frac{30}{100} = 150$
Total nurses in hospital B = $500 \times \frac{10}{100} = 50$
Total nurses in hospital D = $500 \times \frac{45}{100} = 225$
Total doctors in hospital A = 200 − 150 = 50
Total doctors in hospital B = 120 − 50 = 70
Total doctors in hospital D = 320 − 225 = 95
Required percentage = $\frac{150+225}{120} \times 100 = 312.5\%$

S101. Ans.(b)
Sol. 18% of 500+ 60% of 720=?
90+432=?
522=?

S102. Ans.(a)
Sol.
15% of 740 − 65% of 800 = 552 −$?^2$
111 − 520 = 552- $?^2$
$?^2$ = 961
? = 31

S103. Ans.(e)
Sol.
50% of 632 + 40% of 780 − $\frac{5}{12}$ of 1728 = $\sqrt{?}$− 100.03
$316 + 312 − 720 = \sqrt{?}− 100$
$8 = \sqrt{?}$
64 =?

S104. Ans.(b)
Sol.

$$18^2 + \sqrt[8]{2197} = ? \times 17 - 3$$
$$324 + 13 + 3 = ? \times 17$$
$$20 = ?$$

S105. Ans.(b)
Sol.

$$\frac{12\% \text{ of } 400}{4} = \frac{?}{2}$$
$$\frac{48}{4} \times 2 = ?$$
$$24 = ?$$

S106. Ans.(a)
Sol. The pattern of the series:
$$18 + 3^3 = \mathbf{45}$$
$$45 - 4^2 = 29$$
$$29 + 5^3 = 154$$
$$154 - 6^2 = 118$$
$$118 + 7^3 = 461$$
$$461 - 8^2 = 397$$

S107. Ans.(b)
Sol. The pattern of the series:

37,	41,	51,	68,	93,	127,	171
	4	10	17	25	34	44
		6	7	8	9	10

S108. Ans.(d)
Sol. The pattern of the series:
6×2=12
12-3=9
9×4=36
36-5=31
31×6=**186**
186-7=179

S109. Ans.(b)
Sol. The pattern of the series:
150×0.5=75
75×1=75
75×1.5=112.5
112.5×2=225
225×2.5=562.5
562.5×3=**1687.5**

S110. Ans.(b)
Sol.
ATQ,
$$\frac{X+150}{64.8 \times \frac{5}{18}} = \frac{100}{3}$$
$(X+150) \times 3 = 100 \times 18$
$X+150 = 600$
$X = 450$
Required time $= \frac{450 + \frac{450}{2}}{64.8 \times \frac{5}{18}} = 37.5$ seconds

S111. Ans.(a)
Sol.
$$X \times 15 \times \frac{3}{100} = 1710$$
$X = 3800$
Amount invest in compound interest $= X + 1200$
$= 3800 + 1200 = Rs\ 5000$
Composite compound interest $= \left(20 + 20 + \frac{20 \times 20}{100}\right)\% = 44\%$
Required interest $= \frac{44}{100} \times 5000 = Rs\ 2200$

S112. Ans.(b)
Sol.
ATQ,
$$\frac{(X-2000) \times 10}{X \times 8 + (X+2000) \times 6} = \frac{1000}{2400}$$
$24X - 48000 = 14X + 12000$
$10X = 60000$
$X = 6000$

S113. Ans.(a)
Sol. ATQ,
X+(X-2000)=15600
2X-2000=15600
2X=17600
X=8800
The initial investment of R (in Rs) = X+2000 = Rs 10800

S114. Ans.(b)
Sol. Car A travels distance in two hours = 2×60=120 km
$$\frac{D-120}{60+45} = \frac{16}{7}$$
$$\frac{D-120}{105} = \frac{16}{7}$$
$D - 120 = 240$
$D = 360$

Required value $= \frac{360}{4} = 90$

S115. Ans.(e)

Sol. Car A travels distance in two hours = 2×60=120 km

$$\frac{D-120}{60+45} = \frac{16}{7}$$

$$\frac{D-120}{105} = \frac{16}{7}$$

$$D - 120 = 240$$

$$D = 360$$

The speed of the bus = $\frac{45}{9} \times 4 = 20$ km/hr

Required time = $\frac{360+40}{20} = 20$ hours

S116. Ans.(d)

Sol.

From both the statement together

Let efficiency of the tank (LCM of 15/2 and 240/47) = 240 units

Efficiency of pipes B and C = $\frac{240}{\frac{15}{2}} = 32$ $units/min$

Efficiency of pipes A, B and C = $\frac{240}{\frac{240}{47}} = 47$ $units/min$

Efficiency of pipes A = $47 - 32 = 15$ $units/min$

We have no data about the efficiency of pipe C

So, neither I nor II.

S117. Ans.(b)

Sol. II. Let efficiency of boy and girl is 6a and 5a respectively

From both the statement together

Total work = $25 \times 12 \times 6a = 1800a$ units

Required girls = $\frac{1800a}{5a \times 18} = 20$

So, both I and II together

S118. Ans.(e)

Sol.

I. Radius of the circle be r cm and side of the square be a cm.

$$616 = \frac{22}{7} \times r \times r$$

$$r = 14$$

ATQ,

$$\frac{2 \times \frac{22}{7} \times 14}{4 \times a} = \frac{2}{1}$$

$$a = 11$$

Required area = $a \times a = 11 \times 11 = 121$ cm²

I is sufficient.

II. Let the length and breadth of the rectangle be l cm and b cm respectively.

2 (l +b) =4 8

l + b = 24

we have no exact value of l and b

so, II is not sufficient.

S119. Ans.(b)
Sol. II. Total salary of 10 person = 10×12000=Rs 120000
Total salary of (10 +X) person = Rs((10+X)×18000)
I. Total salary of 10+X persons is Rs 270000.
From both the statements
(10+X)×18000=270000
X=5
Required value = 5-3 = 2
So, both the statements together.

S120. Ans.(c)
Sol. I. The ratio of Q ten years hence and S five years ago is 5:2 respectively.
II. Present age of S = 12 – 4 = 8 years

The present age of Q = $14 \times 2 - 8 = 20$ years.

The present age of R = $\frac{20}{4} \times 5 = 25$ years

So, only II.

S121. Ans.(c)
Sol. Infinity Forum 2.0 is organized by IFSCA and GIFT City and supported by **Bloomberg** as the **International Partner**; FICCI and Invest India as the Domestic Partners; and Boston Consulting Group as the Knowledge Partner.
Details:
* The Prime Minister, Shri Narendra Modi, addressed the 2nd Edition of the flagship Financial Technology event - Infinity Forum 2.0, on December 09, 2023.

S122. Ans.(c)
Sol. National Institution for Transforming India (NITI Aayog) and the International Food Policy Research Institute (IFPRI) have signed a 5-year Statement of Intent to strengthen the policy and program frameworks that will contribute to the development of India.

S123. Ans.(d)
Sol. Chennai (Tamil Nadu) based Intellect Design Arena Limited has signed a **Rs 80 crore** worth 5–year deal with Indian Bank to deploy its eMACH.ai powered Cash Management System (CMS) to bolster their Corporate Banking Modernisation.
Details:
* Under the 'INDLEAP' Project, the Indian Bank has adopted the digital transformation goal by leveraging technology wherever possible with transaction banking and supply chain management as growth engines.

S124. Ans.(a)
Sol. Tiriyani Block of Kumuram Bheem Asifabad district, **Telangana** secured the first position in the National Institution for Transforming India (NITI) Aayog's inaugural delta rankings of Aspirational Blocks Programme (ABP) for the first Quarter of 2023-2024.
Details:
* The Kaushambi block of Kaushambi District in Uttar Pradesh secured second position.

S125. Ans.(e)
Sol. MS Dhoni becomes the second Indian to be given this honour after **Sachin Tendulkar**, whose jersey number "10" was retired.
Details:
* The Board of Control for Cricket in India (BCCI) has announced the retirement of the former Indian cricketer Mahendra Singh Dhoni's (MS Dhoni) iconic jersey number "7" to honour his achievements in Indian cricket.

S126. Ans.(a)
Sol. The Indian Navy commissioned the Fast Attack Craft, **Indian Naval Ship (INS) Tarmugli** at the Naval Dockyard in Visakhapatnam, Andhra Pradesh (AP).
Details:
* The vessel was built by Garden Reach Shipbuilders and Engineers, Kolkata, West Bengal in 2001.

S127. Ans.(b)
Sol. Indian tennis legends **Leander Paes**; Indian sports commentator and promoter Vijay Amritraj; and British sports journalist and writer Richard Evans were inducted into the International Tennis Hall of Fame as a part of the class of 2024.
Details:
- Leander Paes was selected under the Player Category and Vijay Amritraj and Richard Evans were selected under the Contributor category.
- Paes and Amritraj have become the 1st two Indians to receive the honours and the 1st Asian men to be selected in their respective categories.
- With this, India has become the 28th nation represented in the Hall of Fame.

S128. Ans.(b)
Sol. The Ministry of Defence has signed a contract with **Telecommunications Consultants India Limited (TCIL)** of Rs 588.68 crore for the acquisition of the Digital Coast Guard (DCG) project under the Buy (Indian) category.

S129. Ans.(c)
Sol. Kishtwar Saffron brand, which is cultivated and harvested in the Kishtwar Region of the **Union Territory of Jammu and Kashmir (J&K),** has received the Geographical Indication (GI) tag from the GI Registry under the Department for Promotion of Industry and Internal Trade, Ministry of Commerce and Industry.
Details:
☐ Kishtwar's saffron, locally known as Kumkum, is also a key cash crop in Jammu's isolated mountainous district of Kishtwar that has high medicinal value.

S130. Ans.(c)
Sol. The International Sugar Organization is an intergovernmental organization, headquartered in **London**.

S131. Ans.(b)
Sol. India's first Telecom Centre of Excellence (CoE) will be established at the **Indian Institute of Technology (IIT) Roorkee campus in Saharanpur, in Uttar Pradesh (UP)**. **The UP Government will fund around Rs.30 crore for its establishment**.
Details:
☐ The center will focus on connecting 5G technology and Artificial Intelligence (AI) to develop innovative devices and technologies and will also prepare a base for the launch of 6G technologies.

S132. Ans.(c)
Sol. The Word of the Year for 2023, according to Merriam-Webster, is **"Authentic."** This term reflects the significance and usage patterns observed in the English language throughout the year, emphasizing the value of genuineness and credibility.

S133. Ans.(e)
Sol. IRDAI regulates **Life Insurance Companies**, **General Insurance Companies**, **Reinsurance Companies, Agency channels**, and Intermediaries such as Corporate Agents, Brokers, Third-Party Administrators, Surveyors, and Loss Assessors.

S134. Ans.(c)
Sol. Mortgage insurance is specifically designed to protect the lender from the risk of loss if a borrower defaults on a mortgage. This type of insurance is often required for borrowers who make a down payment that is less than 20% of the home's value.

S135. Ans.(c)
Sol. The process of evaluating risks and determining premiums.
Underwriting in insurance involves assessing the risk associated with an insurance application and then determining the premium that needs to be charged to insure that risk.

S136. Ans.(c)
Sol. The Jammu and Kashmir Police, through the **State Investigation Agency (SIA),** has initiated the use of GPS tracker anklets to monitor individuals accused of terrorism who are out on bail.
Details:
- This measure marks the first of its kind in India.
- These GPS tracker anklets are wearable devices affixed around the ankle of the monitored person, enabling authorities to track their movements.
- The implementation of this technology aims to ensure that individuals on bail do not engage in anti-national or anti-social activities or attempt to influence witnesses.

S137. Ans.(b)
Sol. The Uttar Pradesh government, led by Chief Minister Yogi Adityanath, has declared **November 25 as** "No Non-Veg Day" in the state.

S138. Ans.(a)
Sol. The Government of Norway has committed to fund USD 44.7 million to support 'The Hunger Project (THP)' in **Uttarakhand, India**.
Details:
- This significant contribution is focused on strengthening food security and environmental protection in the state.
- The funding agreement is set for three years, continuing until September 2026.
- This initiative marks a critical step towards addressing hunger and ecological concerns in the region, bolstering local efforts to achieve sustainable development goals.
- Norway will aid in promoting food security by improving productivity for small-scale producers of food, and by developing local value chains and markets.

S139. Ans.(d)
Sol. Prime Minister Narendra Modi announced the extension of the Pradhan Mantri Garib Kalyan Anna Yojana (PMGKAY). Initially set to end by December 2023, the scheme has been **extended for another five years, culminating in December 2028**.

S140. Ans.(b)
Sol. Bhutan became the first country in the world to achieve the remarkable feat of completely sterilizing and vaccinating its entire stray dog population.

S141. Ans.(d)
Sol. Union Bank of India has collaborated with Accenture to design and develop a new enterprise data lake platform. This platform aims to enhance the bank's analytics and reporting capabilities, leveraging Accenture's expertise in global professional services.

S142. Ans.(d)
Sol. The 2022 report published by the National Crime Records Bureau (NCRB) recognized **Kolkata** as the safest city in India for the third consecutive year.

S143. Ans.(e)
Sol. The **Employees' State Insurance Corporation (ESIC)** bagged the "ISSA Vision Zero 2023" Award in the recently held 23rd World Congress on Safety and Health at Work in Sydney, Australia.
"Vision Zero" is a transformational approach to the prevention of accidents at workplaces integrating the three dimensions of safety, health, and well-being at all levels of work.

S144. Ans.(b)
Sol. Suresh Kumar Raina has been appointed by the ECI for this role in the Union Territory of Jammu & Kashmir to boost youth voter awareness and participation.

S145. Ans.(d)
Sol. SBI Mutual Fund (SBI MF) obtained approval from the Reserve Bank of India (RBI) to acquire an aggregate holding of up to **9.99%** of the paid-up share capital or voting rights of Karur Vysya Bank Ltd (KVB).

S146. Ans.(a)
Sol. Dr. Akshata Krishnamurthy made history by becoming the first Indian citizen to operate the Mars Perseverance rover, which is associated with **NASA (National Aeronautics and Space Administration)**.

S147. Ans.(b)
Sol. It has been constructed with **March 2018** as the base period, i.e. DPI score for March 2018 is set at 100.
Details:
The RBI-DPI comprises 5 broad parameters that enable the measurement of the deepening and penetration of digital payments in the country over different periods.
- Payment Enablers (weight 25%),

- Payment Infrastructure – Demand-side factors (10%),
- Payment Infrastructure – Supply-side factors (15%),
- Payment Performance (45%) and
- Consumer Centricity (5%).

S148. Ans.(c)
Sol. American actor and producer **Michael Douglas** will be honored with the Satyajit Ray Lifetime Achievement Award at the 54th International Film Festival of India (IFFI) to be held in Goa from 20th to 28th November 2023.
Note- The Satyajit Ray Lifetime Achievement Award is presented to individuals for their outstanding contribution to the growth and development of World cinema. It was instituted in 1999 at the 30th IFFI which was held in Hyderabad (Telangana).

S149. Ans.(d)
Sol. Raja Bhoj Airport is the primary airport serving **Bhopal** in the state of Madhya Pradesh.

S150. Ans.(d)
Sol. According to 'The On-Time Performance Monthly Reports – Airports for September 2023' published by aviation analytics firm Cirium, **Kempegowda International Airport (KIA) in Bengaluru (Karnataka)** has secured the top position as the world's most punctual Airport for the past 3 consecutive months (July, August, and September 2023).
KIA maintained an on-time departure experience for passengers, with 87.51% punctuality in July, 89.66% in August, and 88.51% in September.

S151. Ans.(d)
Sol. The Durand Line is a frontier boundary between **Afghanistan and Pakistan**. It was established after an 1893 memorandum of understanding (MoU) between Mortimer Durand of British India and Afghan Amir Abdur Rahman Khan.

S152. Ans.(b)
Sol. Punjab has become the first state in India to enforce the "right to walk" by making it mandatory for road-owning agencies, including the NHAI, to provide footpaths and cycle tracks in all future expansion of roads and construction of new ones.

S153. Ans.(d)
Sol. The Government of India signed a loan agreement with the **Asian Development Bank** (ADB) for 37 billion Japanese Yen ($250 million) for the construction of the 82-kilometer Delhi-Meerut Regional Rapid Transit System (RRTS) corridor.
Details:
⯈ Earlier, ADB had approved a $1,049 million Multi-tranche Financing Facility (MFF) for the project in 2020 to support the construction of RRTS, the first of three priority rail corridors planned under the NCR Regional Plan 2021, to connect Delhi to other cities in adjoining states.

S154. Ans.(e)
Sol. Indian airline **IndiGo** made history by "becoming the first Indian airline to carry 100 million passengers in a single calendar year."

S155. Ans.(a)
Sol. He was bought by **Kolkata Knight Riders (KKR)** for ₹24.75 crore.
Details:
- Mitchell Starc of Australia has emerged as the most expensive player in the history of the Indian Premier League (IPL) at the auction in Dubai.
- He broke the record of Pat Cummins who was picked up for ₹20.5 crore by Sunrisers Hyderabad.

S156. Ans.(b)
Sol. India topped the list of countries in terms of receiving the highest remittance around $125 bn in 2023 according to the World Bank report.

S157. Ans.(c)
Sol. "PM Programme for Restoration, Awareness, Nourishment and Amelioration of Mother Earth" (PM-PRANAM) to be launched to incentivize States and Union Territories to promote **alternative fertilizers and balanced use of chemical fertilizers**.

S158. Ans.(a)
Sol. Haryana has emerged victorious in the 2023 Vijay Hazare Trophy at the Saurashtra Cricket Association Stadium in Rajkot, securing their first-ever title with a 30-run triumph over Rajasthan.

S159. Ans.(b)
Sol. Former Indian cricketer, and legendary left-arm spinner, Bishan Singh Bedi, passed away at the age of 77. He was born on 25th September 1946 in Amritsar, Punjab. The government of India honored him with the Padma Shri for sports in **1970**.

S160. Ans.(e)
Sol. 24th October 2023 marks the observance of the **62nd** ITBP Raising Day.
Details:
- Indo-Tibetan Border Police (ITBP) Raising Day is annually celebrated on 24 October to mark the establishment of the ITBP, a Central Armed Police Force functioning under the Ministry of Home Affairs (MHA), in 1962.

S161. Ans.(a)
Sol. The abbreviation "ENIAC" stands for **"Electronic Numerical Integrator and Computer."** ENIAC was developed by J. Presper Eckert and John W. Mauchly at the University of Pennsylvania and was completed in 1945.

S162. Ans.(b)
Sol. A database refers **to a collection of data that is organized and stored in a structured manner,** allowing for efficient storage, retrieval, and manipulation.

S163. Ans.(a)
Sol. The **central processing unit (CPU)** is the primary component responsible for executing instructions in a computer system.

S164. Ans.(a)
Sol. The precursor to the modern internet was **ARPANET**, which was developed by the United States Department of Defense in the late 1960s. ARPANET laid the foundation for the creation of a global network of interconnected computers, leading to the development of the internet as we know it today.

S165. Ans.(c)
Sol. The Cross-reference feature in Microsoft Word is specifically designed to link text to other document sections, ensuring accurate, dynamic references to figures, tables, or headings.

S166. Ans.(d)
Sol. Wrap Text displays the document with text flowing around inserted pictures or shapes, allowing you to customize the layout of your document.

S167. Ans.(a)
Sol. Borders and Shading allows you to apply a border to selected text or paragraphs, giving them a distinct visual element.

S168. Ans.(b)
Sol. Windows 10 was released in July 2015, succeeding Windows 8.1.

S169. Ans.(d)
Sol. In Windows 11, **Microsoft Edge** is the default web browser, pre-installed and set as the primary browser for accessing the internet.

S170. Ans.(c)
Sol. The **Format Shape** feature in MS PowerPoint allows you to create and edit shapes, giving your presentation a more customized look.

S171. Ans.(d)
Sol. Presenter view in MS PowerPoint allows you to add and edit speaker notes, making it easier to remember what you want to say during your presentation.

S172. Ans.(c)
Sol. The **Slide Show Settings** in MS PowerPoint allows you to create a slide show that runs automatically, making it easier to present your information without having to manually advance the slides.

S173. Ans.(b)
Sol. Merge & Center command is used to merge cells in Excel.

S174. Ans.(b)
Sol. Find & Replace command is used to find and replace specific data in an Excel worksheet.

S175. Ans.(e)
Sol. A network operating system (NOS) is designed to manage and coordinate multiple computers within a network. **Windows Server** is an example of a network operating system that provides services like file sharing, network printing, and user authentication across a network of computers.

S176. Ans.(b)
Sol. To open the Task Manager in Windows, you can use the shortcut key combination **Ctrl + Shift + Esc**. This combination directly opens the Task Manager without any additional steps.

S177. Ans.(a)
Sol. The **first generation** of computers, developed in the 1940s and 1950s, used vacuum tubes as the primary electronic component for processing and storage. These computers were large, expensive, and consumed a significant amount of power. Vacuum tubes were later replaced by transistors in subsequent generations, leading to advancements in computer technology.

S178. Ans.(a)
Sol. The process of converting analog signals into digital signals for transmission over a network is known as **modulation**. Modulation enables efficient and accurate transfer of data by encoding the information onto carrier signals.

S179. Ans.(d)
Sol. A **digital pen** is a device used to capture handwritten marks or data on specialized forms, such as surveys or answer sheets. It digitally records the pen strokes, which can then be transferred to a computer for processing.

S180. Ans.(d)
Sol. In a **star topology**, each device in the network is connected to a central device, such as a switch or hub. This central device controls the data flow between the connected devices. The star topology is highly reliable as the failure of one device does not affect the rest of the network.

S181. Ans.(a)
Sol. The option to change the page orientation in Microsoft Word can be found on **the Layout tab**. This tab provides various formatting options related to the layout and design of the document, including options for page orientation, margins, and columns.

S182. Ans.(a)
Sol. HTTP stands for **HyperText Transfer Protocol**. It is a protocol used for transmitting hypertext and other media files over the internet. HTTP allows communication between clients (web browsers) and servers, enabling the retrieval and display of web pages and resources.

S183. Ans.(c)
Sol. ROM is a type of computer memory that retains its data even when the power is turned off. It contains permanent instructions or data that are stored during manufacturing and cannot be modified or erased by normal computer operations. ROM is used to store firmware, BIOS, and other essential system information.

S184. Ans.(d)
Sol. Touchscreens function as **both input (touch) and output (display)** devices.

S185. Ans.(b)
Sol. Braille Readers help visually impaired users interact with computer content.

S186. Ans.(d)
Sol. FTP stands for **File Transfer Protocol** and is not used for email.

S187. Ans.(b)
Sol. Gmail has a size limit of **25 MB** for attachments.

S188. Ans.(c)
Sol. Google owns YouTube.

S189. Ans.(a)
Sol. BIOS stands for **Basic Input/Output System**. BIOS is firmware embedded in a computer's motherboard. It provides the essential instructions and functions necessary for the computer to start up and communicate with peripheral devices, such as the keyboard, mouse, and hard drives.

S190. Ans.(a)
Sol. Disk Management is a built-in utility that allows users to manage disk partitions and volumes, including creating, resizing, and deleting partitions.

S191. Ans.(c)
Sol. The fourth generation of computers witnessed the widespread adoption of **Magnetic disks** as a favored storage medium.

S192. Ans.(d)
Sol. Normalization is the process of organizing data in a database to eliminate redundancy and dependency issues.

S193. Ans.(a)
Sol. The shortcut key combination **Ctrl + T** is used to open a new tab in Google chrome web browsers. It allows users to have multiple websites open simultaneously within a single browser window.

S194. Ans.(a)
Sol. The shortcut key **Win + E** is used to open the File Explorer or File Manager in Windows. It provides a convenient way to access and manage files and folders on the computer.

S195. Ans.(b)
Sol. The **Animations f**eature in MS PowerPoint allows you to create custom animations for your slides, giving them a dynamic and engaging feel.

S196. Ans.(d)
Sol. Word processing software allows users to create, edit, and format documents containing text, images, and other multimedia elements. It provides features like text formatting, spell checking, and document layout options. Popular examples of word processing software include Microsoft Word, Google Docs, and Apache OpenOffice Writer. This software is commonly used for creating letters, reports, essays, and other textual documents.

S197. Ans.(b)
Sol. A **scanner** is an input device used to convert handwritten or printed text into digital format. It captures the physical document and creates a digital image or text file that can be saved and manipulated on a computer. Scanners are commonly used for tasks such as document archiving, image editing, and optical character recognition (OCR). They come in various types, including flatbed scanners, sheet-fed scanners, and handheld scanners.

S198. Ans.(a)
Sol. EFS (Encrypting File System) allows users to encrypt files and folders using a public key encryption system, providing protection against unauthorized access and data theft.

S199. Ans.(a)
Sol. Freeze command is used to freeze rows and/or columns in Excel.

S200. Ans.(a)
Sol. Ctrl + C is used to copy selected text or files to the clipboard. Once copied, the selected content can be pasted in another location using the Ctrl + V shortcut.