

IBPS PO Prelims Memory Based 2024

निर्देश (1-5): निम्नलिखित जानकारी ध्यानपूर्वक पढ़ें और दिए गए प्रश्नों का उत्तर दें:

सात व्यक्ति A, B, C, D, E, F और G एक गोल मेज के चारों ओर बैठे हैं, लेकिन जरूरी नहीं कि उसी क्रम में। उनमें से कुछ केंद्र की ओर और कुछ केंद्र से बाहर की ओर देख रहे हैं।

F, A के दाईं ओर तीसरे स्थान पर बैठता है। A के निकटतम पड़ोसी एक ही दिशा में देखते हैं, लेकिन A के विपरीत। A उसी दिशा में देखता है जिस दिशा में B देखता है, लेकिन केंद्र की ओर नहीं। A और C के बीच एक व्यक्ति बैठा है। D, C के बाएं ओर दूसरे स्थान पर बैठता है। E, G के बाएं ओर दूसरे स्थान पर बैठता है और उसी दिशा में देखता है। F और D, E के विपरीत दिशा में देखते हैं।

Q1. E के दाईं ओर दूसरे स्थान पर कौन बैठा है?

- (a) A
- (b) D
- (c) C
- (d) F
- (e) G

Q2. निम्नलिखित में से कौन से जोड़े एक ही दिशा में देखते हैं?

- (a) G और C
- (b) A और E
- (c) E और D
- (d) C और F
- (e) इनमें से कोई नहीं

Q3. B और F के बीच कितने व्यक्ति बैठते हैं? (F से दक्षिणावर्त गिनती करते हुए)

- (a) एक
- (b) तीन
- (c) चार
- (d) दो
- (e) कोई नहीं

Q4. निम्नलिखित पाँच में से चार व्यक्ति अपनी बैठक व्यवस्था के आधार पर एक समान हैं। अलग व्यक्ति खोजें।

- (a) F
- (b) C
- (c) B
- (d) D
- (e) A

Q5. निम्नलिखित में से कौन सा\ से कथन सही है?

- I. G केंद्र की ओर देखता है।
 - II. F और A दोनों केंद्र से बाहर की ओर देखते हैं।
 - III. C और D के बीच दो व्यक्ति बैठते हैं, D से दक्षिणावर्त गिनती करते हुए।
- (a) केवल I
 - (b) केवल III
 - (c) दोनों I और II
 - (d) दोनों II और III
 - (e) I, II और III सभी

निर्देश (6-8): दी गई जानकारी को ध्यान से पढ़ें और संबंधित प्रश्नों का उत्तर दें:

M, O का जीवनसाथी और R का माता-पिता है। O, T का ससुर है, T जिसके दो बच्चे हैं। N, R का एकमात्र पुत्र है और R का कोई भाई-बहन नहीं है। T, P की सास है। V, P से विवाहित है।

Q6. निम्नलिखित पाँच में से चार एक निश्चित तरीके से समान हैं, निम्नलिखित में से कौन दूसरों से भिन्न है?

- (a) O
- (b) R
- (c) P
- (d) N
- (e) V

Q7. निम्नलिखित में से V की दादी कौन है?

- (a) T
- (b) M
- (c) R
- (d) O
- (e) N

Q8. R के संदर्भ में P का क्या संबंध है?

- (a) दामाद
- (b) पुत्र
- (c) भतीजा
- (d) पुत्री
- (e) उपरोक्त में से कोई नहीं

Q9. यदि हम शब्द 'EXACTITUDE' के बाईं ओर से तीसरे, चौथे, पाँचवें और सातवें अक्षर का उपयोग करके चार अक्षरों का एक अर्थपूर्ण शब्द बनाते हैं, तो निम्नलिखित में से कौन सा अक्षर उस शब्द का दूसरा अक्षर होगा? यदि एक से अधिक शब्द बनते हैं तो Z को उत्तर के रूप में चिह्नित करें। यदि कोई अर्थपूर्ण शब्द नहीं बनता है, तो X को उत्तर के रूप में चिह्नित करें।

- (a) C
- (b) A
- (c) X
- (d) T
- (e) Z

निर्देश (10-14): दी गई जानकारी ध्यान से पढ़ें और संबंधित प्रश्नों का उत्तर दें:

सात व्यक्ति समान तिथि और समान महीने में पैदा हुए हैं, लेकिन विभिन्न वर्षों में – 1955, 1967, 1973, 1980, 1987, 1991, 2003। उम्र की गणना के लिए आधार वर्ष 2024 मानें।

L की उम्र 3 का गुणक है। L और Q के बीच तीन व्यक्ति का जन्म हुआ था। Q से पहले पैदा हुए व्यक्तियों की संख्या P के बाद पैदा हुए व्यक्तियों की संख्या के समान है। Q और K की उम्र में 12 साल का अंतर है। M, N से 7 साल बड़ा है। N, O से छोटा है।

Q10. निम्नलिखित में से कौन 1967 में पैदा हुआ?

- (a) N
- (b) P
- (c) M
- (d) O
- (e) K

Q11. M और Q के बीच उम्र का अंतर कितना है?

- (a) 25 साल
- (b) 24 साल
- (c) 23 साल
- (d) 30 साल
- (e) 20 साल

Q12. M का जन्म किस वर्ष में हुआ था?

- (a) 1973
- (b) 1980
- (c) 1987
- (d) 1967
- (e) 1955

Q13. K और N की कुल उम्र क्या है?

- (a) 84 साल
- (b) 65 साल
- (c) 81 साल
- (d) 58 साल
- (e) 70 साल

Q14. यदि P का संबंध L से है और N का संबंध Q से है, तो M का संबंध ___ से है।

- (a) K
- (b) O
- (c) L
- (d) इनमें से कोई नहीं
- (e) N

निर्देश (15-19): दी गई जानकारी ध्यानपूर्वक पढ़ें और संबंधित प्रश्नों का उत्तर दें:

एक निश्चित कोड भाषा में

'Play the same game.' को 'us ud ut uk' के रूप में कोडित किया गया है

'Seen in the play.' को 'uk ua ud um' के रूप में कोडित किया गया है

'The jar is seen.' को 'ud ua uh uw' के रूप में कोडित किया गया है

'The same game played' को 'ut ud ub us' के रूप में कोडित किया गया है

Q15. 'same' का कोड क्या है?

- (a) uh
- (b) ut
- (c) um
- (d) ub
- (e) ud

Q16. यदि 'Jar' का कोड 'uh' है, तो 'is played' का कोड क्या होगा?

- (a) ua ud
- (b) uw ut
- (c) ua us
- (d) uw ub
- (e) uw ut

Q17. 'play' का कोड क्या है?

- (a) ud
- (b) us
- (c) uk
- (d) ut
- (e) um

Q18. 'game is played' का संभावित कोड क्या होगा?

- (a) uh ud ub
- (b) ut us ua
- (c) us uh ub
- (d) ut ub ud
- (e) uh uw uk

Q19. 'um' कोड किस शब्द के लिए है?

- (a) In
- (b) The
- (c) Play
- (d) Seen
- (e) उपरोक्त में से कोई नहीं

निर्देश (20-24): दी गई जानकारी ध्यान से पढ़ें और संबंधित प्रश्नों का उत्तर दें:

छह व्यक्ति A, B, C, D, E और F एक पंक्ति में बैठते हैं और सभी उत्तर दिशा की ओर देखते हैं। वे सभी विभिन्न फल- आम, स्ट्रॉबेरी, अमरूद, संतरा, सेब और केला पसंद करते हैं। लेकिन जरूरी नहीं कि इसी क्रम में हो।

स्ट्रॉबेरी पसंद करने वाला व्यक्ति दाईं ओर के अंत में बैठता है। B, अमरूद पसंद करने वाले व्यक्ति के तीसरे बाईं ओर बैठता है। A, आम पसंद करने वाले व्यक्ति के दूसरे बाईं ओर बैठता है और केला पसंद करता है। C, E के तीसरे दाईं ओर बैठता है लेकिन किसी भी छोर पर नहीं बैठता। D के दाईं ओर और सेब पसंद करने वाले व्यक्ति के बाईं ओर बराबर संख्या में व्यक्ति बैठते हैं।

Q20. निम्नलिखित में से कौन अमरूद पसंद करता है?

- (a) A
- (b) D
- (c) C
- (d) F
- (e) इनमें से कोई नहीं

Q21. C और संतरा पसंद करने वाले व्यक्ति के बीच कितने व्यक्ति बैठे हैं?

- (a) तीन
- (b) दो
- (c) एक
- (d) कोई नहीं
- (e) इनमें से कोई नहीं

Q22. निम्नलिखित में से कौन अमरूद पसंद करने वाले व्यक्ति के तीसरे बाईं ओर बैठता है?

- (a) E के तुरंत बाईं ओर बैठने वाला व्यक्ति
- (b) F
- (c) जो संतरा पसंद करता है
- (d) A
- (e) इनमें से कोई नहीं

Q23. निम्नलिखित में से कौन सा कथन सही है?

- (a) C सेब पसंद करने वाले व्यक्ति के तुरंत बाईं ओर बैठता है।
- (b) आम पसंद करने वाला व्यक्ति दाएं छोर से तीसरे स्थान पर बैठता है।
- (c) B संतरा पसंद करता है।
- (d) A, D के तीसरे बाईं ओर बैठता है।
- (e) कोई भी सत्य नहीं है

Q24. निम्नलिखित पाँच में से चार एक समान हैं। इनमें से कौन सा संबंधित समूह में नहीं है?

- (a) B- केला
- (b) F-संतरा
- (c) E-अमरूद
- (d) A-सेब
- (e) C-आम

Q25. भिन्न को चुने।

- (a) FBI
- (b) PLR
- (c) EAH
- (d) IEL
- (e) RNU

निर्देश (26-30): दी गई जानकारी ध्यान से पढ़ें और संबंधित प्रश्नों का उत्तर दें:

छह बॉक्स – A, B, C, D, E और F एक के ऊपर एक रखे गए हैं। ये बॉक्स विभिन्न प्रकार के हैं – जूट, स्टील, लोहे, लकड़ी, चमड़े और पीतल। सभी जानकारी जरूरी नहीं कि उसी क्रम में हो।

D, चमड़े के बॉक्स से तीन स्थान ऊपर रखा गया है। D के ऊपर और स्टील बॉक्स के नीचे समान संख्या में बॉक्स रखे गए हैं। B, F के ठीक नीचे और लकड़ी के बॉक्स के ठीक ऊपर रखा गया है। A, लोहे के बॉक्स से दो स्थान नीचे रखा गया है। C पीतल के बॉक्स के नीचे रखा गया है और C के नीचे एक से अधिक बॉक्स रखे गए हैं।

Q26. पीतल के बॉक्स और A के बीच कितने बॉक्स रखे गए हैं?

- (a) कोई नहीं
- (b) तीन
- (c) एक
- (d) दो
- (e) चार

Q27. निम्नलिखित में से कौन सा कथन गलत है?

- (a) E सबसे नीचे रखा गया है
- (b) B, चमड़े का बॉक्स है
- (c) D, F के ऊपर रखा गया है
- (d) A और B एक-दूसरे के निकट हैं
- (e) C, पीतल का बॉक्स है

Q28. बॉक्स F किस प्रकार का है?

- (a) लोहे
- (b) जूट
- (c) पीतल
- (d) स्टील
- (e) चमड़ा

Q29. यदि बॉक्स E का संबंध लकड़ी के बॉक्स से है, बॉक्स A का संबंध चमड़े के बॉक्स से है, तो जूट बॉक्स से संबंधित कौन सा बॉक्स है?

- (a) बॉक्स D
- (b) बॉक्स F
- (c) बॉक्स B
- (d) बॉक्स C
- (e) उपरोक्त में से कोई नहीं

Q30. जितने बॉक्स D के ऊपर रखे गए हैं, उतने ही बॉक्स ___ बॉक्स के नीचे रखे गए हैं।

- (a) C
- (b) B
- (c) E
- (d) A
- (e) F

Q31. शब्द 'ORGANIZE' में अक्षरों के कितने युग्म हैं जिनके बीच वर्णमाला के समान अक्षरों की संख्या (आगे और पीछे दोनों दिशाओं में) है?

- (a) चार
- (b) दो
- (c) एक
- (d) तीन
- (e) चार से अधिक

निर्देश (32-34): दी गई जानकारी ध्यानपूर्वक पढ़ें और संबंधित प्रश्नों का उत्तर दें:

छह व्यक्ति P, Q, R, S, T और U एक परिवार में अलग-अलग वजन के हैं। तीसरे सबसे भारी व्यक्ति का वजन 40 किलोग्राम है। Q का वजन विषम संख्या में है और वह S से हल्का है लेकिन R से भारी है। S से हल्के व्यक्तियों की संख्या P से एक अधिक है। T, R और U से भारी है। T, P से 20 किलोग्राम अधिक है, P जो Q से भारी है। दूसरे सबसे हल्के व्यक्ति Q नहीं है।

Q32. S का संभावित वजन क्या है?

- (a) 39 किलोग्राम
- (b) 34 किलोग्राम
- (c) 53 किलोग्राम
- (d) 67 किलोग्राम
- (e) 62 किलोग्राम

Q33. यदि R का वजन P से 15 किलोग्राम कम है और U से 5 किलोग्राम अधिक है, तो R और U का कुल वजन क्या है?

- (a) 38 किलोग्राम
- (b) 45 किलोग्राम
- (c) 50 किलोग्राम
- (d) 40 किलोग्राम
- (e) 35 किलोग्राम

Q34. P से भारी व्यक्तियों की संख्या उतनी ही है जितनी की _____ से हल्के व्यक्तियों की संख्या है।

- (a) S
- (b) T
- (c) Q
- (d) P
- (e) इनमें से कोई नहीं

Q35. दिए गए शब्द “CONVERSION” में यदि सभी विषम स्थिति वाले अक्षरों (बाईं ओर से) को उनके ठीक अगले अक्षर से और सभी सम स्थिति वाले अक्षरों (बाईं ओर से) को उनके ठीक पिछले अक्षर से बदला जाए, तो नए क्रम में कितने अक्षर दोहराए जाते हैं?

- (a) एक
- (b) दो
- (c) चार
- (d) तीन
- (e) कोई नहीं

Directions (36-43): Read the following passage and answer the given questions. Certain words are highlighted to answer some of the questions.

Emotional intelligence (EQ) is increasingly recognized as a key component of success in both personal and professional realms. While men and women may possess similar overall levels of EQ, research consistently shows that they tend to excel in different emotional competencies. Women often score higher in areas such as empathy, interpersonal relationships, and social responsibility, whereas men tend to perform better in assertiveness, stress tolerance, and self-regard (or confidence). These differences **lay** the foundation for the distinct emotional **approaches** each gender brings to the workplace, shaped by both biological factors and the powerful process of socialization.

Socialization plays a significant role in determining these gender-specific strengths. From an early age, boys and girls receive different messages about how they should behave. Boys are often _____ to be competitive, confident, assertive, and decisive, and are taught that winning is of primary importance. Girls, on the other hand, are socialized to be nurturing, empathetic, and emotionally expressive. They learn to value relationships and cooperation over competition. These early experiences influence the development of specific emotional intelligence skills, with boys becoming more assertive and confident and girls excelling in empathy and interpersonal communication.

As boys and girls grow into adults, these learned behaviors are reinforced by societal norms and expectations. In the workplace, these socialized behaviors manifest in ways that can impact professional roles and leadership opportunities. Men's strengths in assertiveness and self-regard often give them an advantage in competitive environments, helping them excel in leadership positions. Meanwhile, women's strengths in empathy and interpersonal relationships make them highly effective in teamwork and collaborative settings, though these skills are sometimes undervalued in leadership hierarchies.

These gender-based differences in emotional intelligence may contribute to the leadership gender gap. Men's natural tendencies toward assertiveness and confidence can help them rise in hierarchical structures, while women's empathy and relational strengths are often better suited for team-oriented roles. Recognizing and valuing these differences can help organizations leverage the diverse emotional strengths of both genders, fostering a more balanced and inclusive leadership landscape.

Q36. According to the passage, which of the following statement(s) is/ are true?

- (I) Emotional intelligence (EQ) is primarily shaped by biological factors, with little influence from socialization.
 - (II) Women tend to excel in empathy, social responsibility, and interpersonal relationships according to research.
 - (III) Assertiveness and stress tolerance are often considered key emotional competencies where men perform better.
- (a) Only (I) is true
 - (b) Only (II) is true
 - (c) Both (II) and (III) are true
 - (d) Only (III) is true
 - (e) All statements are true

Q37. Which of the following statements is incorrect based on the passage?

- (a) Men's assertiveness and self-regard give them an advantage in hierarchical leadership positions.
- (b) Women's relational strengths are particularly well-suited for competitive, high-pressure roles in leadership.
- (c) Boys are often encouraged to be decisive and assertive from an early age.
- (d) Socialization influences the development of emotional competencies for both genders.
- (e) Emotional intelligence skills learned in childhood are reinforced by societal norms as individuals grow older.

Q38. According to the passage, which of the following statement(s) is/ are true?

- (I) Women's emotional intelligence strengths are undervalued in hierarchical structures, particularly in leadership positions.
 - (II) Men tend to perform better in teamwork and collaborative settings due to their confidence.
 - (III) Societal expectations reinforce the emotional competencies that boys and girls develop early in life.
- (a) Only (I) is true
 - (b) Both (I) and (III) are true
 - (c) Both (II) and (III) are true
 - (d) Only (II) is true
 - (e) All statements are true

Q39. Which of the following words has the similar meaning as "lay" (as used in the passage)?

- (a) Establish
- (b) Cover
- (c) Remove
- (d) Complicate
- (e) Dismiss

Q40. Based on the passage, which of the following can be logically inferred about gender differences in emotional intelligence?

- (a) Women's strengths in empathy and interpersonal relationships make them more suitable for leadership roles than men.
- (b) Men's performance in assertiveness and confidence is exclusively the result of societal conditioning, with no biological factors involved.
- (c) Organizations that recognize and value both genders' emotional strengths can create more balanced and effective leadership.
- (d) Women are less likely to succeed in competitive environments because they lack confidence and assertiveness.
- (e) Emotional intelligence competencies between men and women are so different that they cannot effectively collaborate in professional settings.

Q41. Which of the following can be inferred about the role of societal norms in shaping emotional intelligence, based on the passage?

- (a) Societal norms only affect women's emotional intelligence, particularly in developing empathy and interpersonal skills.
- (b) Boys and girls are socialized in a way that equally promotes both assertiveness and empathy in both genders.
- (c) Emotional intelligence is fixed and cannot be influenced or altered once societal norms have shaped it during childhood.
- (d) Societal expectations reinforce gender-specific emotional skills, leading to men excelling in competitive environments and women in teamwork.
- (e) Societal norms have no influence on emotional competencies, which are purely biologically determined.

Q42. What is the antonym of "approach"?

- (a) Withdraw
- (b) Assist
- (c) Destroy
- (d) Engage
- (e) leverage

Q43. Choose the correct word to fill in the blank:

- (a) persuaded
- (b) discouraged
- (c) encouraged
- (d) influenced
- (e) restricted

Directions (44-45): In each of the following questions, a sentence with four highlighted words is provided. These highlighted words may be either misspelled or used inappropriately. Select the incorrect word as the answer, and if all the highlighted words are correct in spelling and usage, choose 'All are correct' as answer.

Q44. The children's **favorite activities** at the camp was **hiking** through the forest **trails**.

- (a) favorite
- (b) activities
- (c) trails
- (d) hiking
- (e) All are correct

Q45. She felt an **overwhelming** sense of **joe** as she **watched** the sunset, its **vibrant** colors painting the sky.

- (a) watched
- (b) vibrant
- (c) overwhelming
- (d) joe
- (e) All are correct

Q46. In the following questions, a few sentences are given. Identify the sentences that are grammatically and contextually correct.

- (I) The team has worked really hard and deserves all of the praise they are receiving.
 - (II) She was excited to start her new job, but her nervousness was affecting her confidence.
 - (III) Each of the students were required to submit their projects before the deadline.
- (a) Only (I)
 - (b) Both (II) and (III)
 - (c) Only (III)
 - (d) Both (I) and (II)
 - (e) All (I), (II), and (III)

Q47. In the following questions, a few sentences are given. Identify the sentences that are grammatically and contextually incorrect.

- (I) The manager, along with her team, were discussing the upcoming project in great detail.
 - (II) If I would have known about the event earlier, I would have definitely attended it.
 - (III) The city has experienced a significant drop in crime rates, largely due to new safety measures implemented last year.
- (a) Only (I)
 - (b) Both (II) and (III)
 - (c) Only (III)
 - (d) Both (I) and (II)
 - (e) All (I), (II), and (III)

Q48. In the following questions, a few sentences are given. Identify the sentences that are grammatically and contextually correct.

- (I) If you would have studied harder, you could have passed the exam.
 - (II) Despite the rain, the outdoor event went on as planned, attracting a large crowd.
 - (III) The company's profits have been steadily increasing due to its new marketing strategy.
- (a) Only (I)
 - (b) Both (II) and (III)
 - (c) Only (III)
 - (d) Both (I) and (II)

Directions (49-53): Rearrange the following sentences in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

- (A) The government has therefore employed authorities to conduct fumigations, as the situation continues to escalate.
- (B) Despite efforts to contain the situation, the bed bugs have infested public transport, popular tourist destinations, and even airports.
- (C) Paris, a global tourist destination, has recently faced a troubling resurgence of bed bugs across various neighborhoods and popular attractions in the city.
- (D) This outbreak has raised concerns not only among residents but also tourists, many of whom worry that the pests could travel with them back to their countries.
- (E) Experts suggest that international travel and dense urban environments have facilitated the rapid spread of this infestation.
- (F) Furthermore, bed bugs have become a common sight in metros and airports, making control measures even more challenging.

Q49. Which of the following should be the FIRST sentence after rearrangement?

- (a) D
- (b) A
- (c) B
- (d) E
- (e) C

Q50. Which of the following should be the SECOND sentence after rearrangement?

- (a) A
- (b) F
- (c) E
- (d) D
- (e) C

Q51. Which of the following should be the THIRD sentence after rearrangement?

- (a) C
- (b) E
- (c) D
- (d) A
- (e) F

Q52. Which of the following should be the FOURTH sentence after rearrangement?

- (a) B
- (b) E
- (c) D
- (d) C
- (e) A

Q53. Which of the following should be the LAST sentence after rearrangement?

- (a) C
- (b) B
- (c) A
- (d) D
- (e) F

Q54. In the following questions, a few sentences are given. Identify the sentences that are grammatically and contextually correct.

(I) The children was playing in the garden while their parents watched.

(II) By the time we arrived, the concert had already started.

(III) Neither of the candidates were prepared for the final interview.

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

Q55. In the following questions, a few sentences are given. Identify the sentences that are grammatically and contextually incorrect.

(I) The students who have completed the assignments on time will receive extra credit from their instructor.

(II) Despite of the heavy traffic, we managed to reach the airport on time for our flight.

(III) She has been working on the project since six months, but there is still a lot left to do.

(a) Only (I)

(b) Both (II) and (III)

(c) Only (III)

(d) Both (I) and (III)

(e) All (I), (II), and (III)

Directions (56-57): In each of the following questions, a sentence with four highlighted words is provided. These highlighted words may be either misspelled or used inappropriately. Select the incorrect word as the answer, and if all the highlighted words are correct in spelling and usage, choose 'All are correct' as answer.

Q56. When the **crown** on the head of the **newest** king, all of the people at the **coronation** went wild with **priase**.

(a) priase

(b) newest

(c) crown

(d) coronation

(e) All are correct

Q57. Because we did nothing but sit in the **hotel** room, our **vaccation** was **vapid** and **uninteresting**.

(a) vaccation

(b) vapid

(c) hotel

(d) uninteresting

(e) All are correct

Directions (58-62): In each of the following sentences, a word is missing and replaced by a blank. Choose the best word from the given options that can fit into the sentence without altering the intended meaning.

Q58. She decided to donate a portion of her earnings to the local _____ that supports underprivileged children.

(a) atrocity

(b) clarity

(c) calamity

(d) acidity

(e) charity

Q59. The art gallery hosted an exhibition featuring works from some of the most _____ artists in the world.

- (a) ignorant
- (b) latent
- (c) removable
- (d) prestigious
- (e) religious

Q60. The book had a/an _____ impact on her perspective, changing the way she viewed the world.

- (a) profound
- (b) tripping
- (c) encroach
- (d) oversea
- (e) accurately

Q61. The sudden power outage threw the entire city into _____, with traffic jams and confused crowds everywhere.

- (a) concur
- (b) chaos
- (c) growth
- (d) peculiar
- (e) nascent

Q62. Once the switch was flipped, the machine was _____ and began operating smoothly.

- (a) weltered
- (b) invoked
- (c) activated
- (d) captivated
- (e) deactivated

Q63. In the following question, a phrasal verb is given in bold, it is then followed by three sentences which has used the given phrasal verb. Choose the best set of alternatives from the five options given below which has correctly used the given phrasal verb without altering the meaning of the sentence.

Come up

- (A) The issue of parking spaces **came up** during the meeting, and we spent an hour discussing it.
- (B) An interesting opportunity **came up**, so I decided to apply for the job.
- (C) The sun will **come up** in the west tomorrow, according to the weather report.

- (a) Both A & B
- (b) Only C
- (c) Both B & C
- (d) Only A
- (e) Both A & C

Q64. In the following question, a phrasal verb is given in bold, it is then followed by three sentences which has used the given phrasal verb. Choose the best set of alternatives from the five options given below which has incorrectly used the given phrasal verb without altering the meaning of the sentence.

Get across

- (A) They **got across** the mountain by taking a shortcut through the forest.
 (B) The presenter used charts and examples to **get across** the complex data in a clear manner.
 (C) The speaker used visuals to **get across** his point effectively to the audience.
 (a) Both A & B
 (b) Only C
 (c) Both B & C
 (d) Only A
 (e) Both A & C

Q65. In the following question, a phrasal verb is given in bold, it is then followed by three sentences which has used the given phrasal verb. Choose the best set of alternatives from the five options given below which has correctly used the given phrasal verb without altering the meaning of the sentence.

Check out

- (A) Before you leave the hotel, don't forget to **check out** at the reception desk.
 (B) I'm going to the library to **check out** some books for my research paper.
 (C) You should **check out** that new restaurant downtown; I've heard great things about it.
 (a) Only A
 (b) Both A & C
 (c) Both B & C
 (d) All A, B, C
 (e) Only B

Directions (66-70): निम्न तालिका का ध्यानपूर्वक अध्ययन करें और नीचे दिए गए प्रश्नों के उत्तर दें। तालिका चार (K, L, M, और N) अलग-अलग शहरों में दो (X और Y) अलग-अलग कंपनियों द्वारा बेची गई बाइकों की कुल संख्या और इन शहरों में इन दो कंपनियों द्वारा बेची गई कारों की कुल संख्या दर्शाती है। तालिका इन शहरों में कंपनी Y द्वारा बेची गई बाइकों की कुल संख्या भी दर्शाती है।

शहर	(X और Y) द्वारा बेची गई बाइक	(X और Y) द्वारा बेची गई कारें	Y द्वारा बेची गई बाइक
K	328	450	210
L	560	980	320
M	440	730	90
N	620	350	195

Q66. यदि शहर K में Y द्वारा बेची गई कारों की कुल संख्या, शहर K में Y द्वारा बेची गई बाइकों की कुल संख्या का 2/5वां हिस्सा है, तो शहर K में X द्वारा बेची गई कारों की कुल संख्या और शहर M में X द्वारा बेची गई बाइकों की कुल संख्या के बीच अंतर ज्ञात कीजिए।

- (a) 22
 (b) 16
 (c) 23
 (d) 15
 (e) 18

Q67. शहर N में X द्वारा बेची गई कारों की कुल संख्या, शहर M में X द्वारा बेची गई बाइकों की कुल संख्या से 20% कम है। शहर N में Y द्वारा बेची गई कारों की कुल संख्या का शहर K में Y द्वारा बेची गई बाइकों की कुल संख्या से अनुपात ज्ञात कीजिए।

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

Q68. शहर L में X और Y द्वारा बेची गई कारों की कुल संख्या का अनुपात क्रमशः 3 : 4 है। ज्ञात कीजिए कि शहर L में X द्वारा बेची गई कारों की कुल संख्या, शहर N में Y द्वारा बेची गई बाइकों की कुल संख्या से कितनी अधिक या कम है।

- (a) 225
- (b) 210
- (c) 195
- (d) 145
- (e) 125

Q69. शहर M में X द्वारा बेची गई बाइकों की कुल संख्या, शहर N में X और Y द्वारा एक साथ बेची गई कारों की कुल संख्या से कितने प्रतिशत अधिक या कम है?

- (a) 2%
- (b) 0%
- (c) 5%
- (d) 10%
- (e) 7.5%

Q70. शहर M में Y द्वारा बेची गई कारों की कुल संख्या, शहर L में X द्वारा बेची गई बाइकों की कुल संख्या से 200 अधिक है। शहर M में X द्वारा बेची गई कारों की कुल संख्या, शहर K में X और Y द्वारा एक साथ बेची गई कारों की कुल संख्या का कितना प्रतिशत है?

- (a) 64%
- (b) 58%
- (c) 42%
- (d) 79%
- (e) 82%

Directions (71-75): निम्नलिखित रेखा आलेख का ध्यानपूर्वक अध्ययन करें और नीचे दिए गए प्रश्नों के उत्तर दें। रेखा आलेख दो अलग-अलग वर्षों में पाँच अलग-अलग दुकानों द्वारा बेची गई कुल वस्तुओं का $\frac{1}{3}$ भाग दर्शाता है।



नोट: (i) 2023 में प्रत्येक दुकान द्वारा बेची गई वस्तुओं की कुल संख्या, 2021 की तुलना में 20% अधिक है।

(ii) प्रत्येक वर्ष में प्रत्येक दुकान द्वारा बेची गई वस्तुओं की कुल संख्या, जो रेखा आलेख में दी गई है, बेची गई कुल वस्तुओं का एक तिहाई है।

Q71. 2023 में D द्वारा बेची गई वस्तुओं की कुल संख्या, 2022 में A द्वारा बेची गई वस्तुओं की कुल संख्या से कितने प्रतिशत कम है (लगभग)?

- (a) 23%
- (b) 19%
- (c) 11%
- (d) 15%
- (e) 8%

Q72. 2022 में B द्वारा बेची गई वस्तुओं की कुल संख्या का 2023 में C द्वारा बेची गई वस्तुओं की कुल संख्या से अनुपात ज्ञात कीजिए।

- (a) 1:2
- (b) 2:3
- (c) 3:2
- (d) 3:4
- (e) 4:5

Q73. 2023 में D और E द्वारा बेची गई वस्तुओं की कुल संख्या तथा 2021 में A और B द्वारा बेची गई वस्तुओं की कुल संख्या के बीच अंतर ज्ञात कीजिए।

- (a) 180
- (b) 194
- (c) 150
- (d) 158
- (e) 100

Q74. 2023 में A, B और C द्वारा बेची गई वस्तुओं की कुल संख्या का योग ज्ञात कीजिए।

- (a) 4235
- (b) 4450
- (c) 4980
- (d) 4752
- (e) 4898

Q75. 2023 में B और D द्वारा एक साथ बेची गई वस्तुओं की कुल संख्या, तीनों वर्षों में A द्वारा बेची गई वस्तुओं की कुल संख्या से कितनी अधिक या कम है?

- (a) 2676
- (b) 2194
- (c) 2150
- (d) 2058
- (e) 2100

Directions (76 - 80): इनमें से प्रत्येक प्रश्न में एक संख्या श्रृंखला दी गई है। प्रत्येक श्रृंखला में केवल एक संख्या गलत है। गलत संख्या ज्ञात कीजिए।

Q76. 188, 177, 199, 166, 210, 150, 221

- (a) 188
- (b) 221
- (c) 150
- (d) 199
- (e) 210

Q77. 18225, 6075, 2025, 675, 220, 75, 25

- (a) 25
- (b) 75
- (c) 220
- (d) 18225
- (e) 6075

Q78. 210, 228, 250, 274, 302, 332, 365

- (a) 302
- (b) 332
- (c) 210
- (d) 250
- (e) 365

Q79. 304, 300, 316, 332, 364, 428, 556

- (a) 300
- (b) 316
- (c) 304
- (d) 332
- (e) 428

Q80. 2194, 2175, 2152, 2123, 2092, 2054, 2014

- (a) 2014
- (b) 2054
- (c) 2194
- (d) 2092
- (e) 2123

Directions (81-85): निम्नलिखित प्रश्नों में प्रश्नवाचक चिह्न (?) के स्थान पर क्या अनुमानित मान आएगा? (आपसे सटीक मान की गणना करने की अपेक्षा नहीं की जाती है)।

Q81. 39.89 का 5.03% + 450 का 10.09% =?

- (a) 44
- (b) 47
- (c) 39
- (d) 54
- (e) 59

Q82. $\sqrt{840.99} + 361.09$ का $\frac{14}{19} = ? \times 4.88$

- (a) 59
- (b) 53
- (c) 65
- (d) 50
- (e) 43

Q83. $12.21^3 - 108.02 = 399$ का 24.90% +?

- (a) 1090
- (b) 1120
- (c) 1240
- (d) 1520
- (e) 1130

Q84. $\frac{599 \text{ का } 32.08\%}{1.99} \div \frac{1}{4} = ?^2 - 16$

- (a) 29
- (b) 24
- (c) 17
- (d) 12
- (e) 20

Q85. $\left(\frac{256.03}{15.99} \div \frac{3.98}{1.99} \right) = ? \div 12.01$

- (a) 91
- (b) 96
- (c) 103
- (d) 87
- (e) 67

Q86. A, B और C मिलकर किसी कार्य को 4 दिनों में कर सकते हैं, जबकि B अकेले उसी कार्य को 24 दिनों में कर सकता है। यदि C की क्षमता B की तुलना में 300% अधिक है, तो A और C द्वारा अकेले कार्य को पूरा करने में लिए गए दिनों की संख्या के बीच का अंतर ज्ञात कीजिए?

- (a) 18
- (b) 12
- (c) 11
- (d) 15
- (e) 20

Q87. P की वर्तमान आयु का Q की चार वर्ष पहले की आयु से अनुपात 2 : 1 है। R की वर्तमान आयु, P और Q की वर्तमान आयु के औसत के बराबर है। 16 वर्ष पहले, R की आयु 10 वर्ष थी। P, Q और R की वर्तमान आयु का योग (वर्षों में) ज्ञात कीजिए।

- (a) 66 वर्ष
- (b) 78 वर्ष
- (c) 82 वर्ष
- (d) 99 वर्ष
- (e) 102 वर्ष

Q88. 12200 रुपये की राशि को आंशिक रूप से योजना A में 10% प्रति वर्ष की दर से दो वर्षों के लिए चक्रवृद्धि ब्याज पर और योजना B में समान दर से चार वर्षों के लिए साधारण ब्याज पर निवेश किया जाता है। यदि दोनों योजनाओं से प्राप्त ब्याज बराबर है, तो योजना A में निवेश की गई राशि ज्ञात कीजिए?

- (a) 4350 रुपये
- (b) 4340 रुपये
- (c) 4200 रुपये
- (d) 8000 रुपये
- (e) 8500 रुपये

Q89. A, B और C ने क्रमशः 12,000 रुपये, 12,000 रुपये और 8,000 रुपये के निवेश के साथ एक व्यवसाय शुरू किया। B ने केवल 'x' महीनों के लिए निवेश किया, जबकि C ने एक वर्ष पहले 'x' महीने पहले व्यवसाय छोड़ दिया। यदि A को 3200 रुपये के वार्षिक लाभ में से 1800 रुपये मिले, तो 'x' का मान ज्ञात कीजिए?

- (a) 2
- (b) 8
- (c) 6
- (d) 4
- (e) 5

Q90. ट्रेन A, 230 मीटर लंबे प्लेटफॉर्म को 29 सेकंड में पार करती है और ट्रेन B, 150 मीटर लंबे प्लेटफॉर्म को 24 सेकंड में पार करती है। ट्रेन B जिसकी लंबाई 450 मीटर है, वह एक ही दिशा में चलते हुए ट्रेन A को 160 सेकंड में पार करती है। ज्ञात कीजिए कि ट्रेन A को 50 मीटर लंबे पुल को पार करने में कितना समय लगेगा (ट्रेन B की गति > ट्रेन A की गति)?

- (a) 16 सेकंड
- (b) 22 सेकंड
- (c) 20 सेकंड
- (d) 17 सेकंड
- (e) 25 सेकंड

Q91. शांत जल में नाव की गति और धारा के प्रतिकूल नाव की गति का अनुपात 4 : 3 है। नाव धारा के अनुकूल 7 घंटे में 560 किमी की दूरी तय करती है। नाव द्वारा धारा के प्रतिकूल 480 किमी की दूरी तय करने में लिया गया समय ज्ञात कीजिए।

- (a) 8 घंटे
- (b) 9 घंटे
- (c) 7 घंटे
- (d) 5 घंटे
- (e) 10 घंटे

Q92. A ने एक वस्तु को उसके क्रय मूल्य से 60% अधिक मूल्य पर अंकित किया। जब वह अंकित मूल्य पर 4d% छूट देता है, तो उसे 28% लाभ होता है। यदि वह 6d% छूट देता है, तो लाभ/या हानि % ज्ञात कीजिए?

- (a) 12%
- (b) 15%
- (c) 18%
- (d) 20%
- (e) 24%

Q93. मिश्रण A में दूध और पानी का अनुपात 9 : 5 है। मिश्रण B में दूध की मात्रा मिश्रण A में दूध की मात्रा से 20% अधिक है और मिश्रण A में पानी की मात्रा, मिश्रण B में पानी की मात्रा से 25% अधिक है। यदि दोनों मिश्रणों में पानी की मात्रा का योग 54 लीटर है, तो मिश्रण A में मिश्रण की कुल मात्रा ज्ञात कीजिए?

- (a) 72 लीटर
- (b) 64 लीटर
- (c) 84 लीटर
- (d) 75 लीटर
- (e) 80 लीटर

Q94. एक कक्षा में 24 लड़के और 6 लड़कियों का औसत वजन 40 किलोग्राम है। यदि कक्षा के औसत वजन को छोड़कर सभी लड़कियों का वजन 4 किलोग्राम कम हो जाता है, तो सभी छह लड़कियों का औसत वजन ज्ञात कीजिए?

- (a) 52 किग्रा
- (b) 56 किग्रा
- (c) 58 किग्रा
- (d) 55 किग्रा
- (e) 51 किग्रा

Q95. एक वर्ग के क्षेत्रफल और एक आयत के क्षेत्रफल का अनुपात क्रमशः 3 : 2 है। वर्ग की भुजा आयत की लंबाई के बराबर है। आयत का परिमाण 40 मीटर है, तो आयत की चौड़ाई ज्ञात कीजिए?

- (a) 12 मीटर
- (b) 8 मीटर
- (c) 10 मीटर
- (d) 15 मीटर
- (e) 17 मीटर

Directions (96 - 100): निम्नलिखित डेटा का ध्यानपूर्वक अध्ययन करें और नीचे दिए गए प्रश्नों के उत्तर दें। डेटा दर्शाता है कि तीन अलग-अलग व्यक्ति (A, B और C) कई गेम जीतते या हारते हैं।

B द्वारा जीते गए कुल गेम 50 हैं और A द्वारा जीते गए गेम और B द्वारा हारे गए गेम का अनुपात क्रमशः 3:2 है। A द्वारा हारे गए कुल गेम और A द्वारा जीते गए कुल गेम का अनुपात 4:3 है। A द्वारा हारे गए गेम और B द्वारा जीते गए गेम की संख्या का औसत 105 है। C द्वारा जीते गए कुल गेम, B द्वारा हारे गए कुल गेम से 20% अधिक हैं और C द्वारा जीते गए कुल गेम और हारे गए गेम का अनुपात 4 : 5 है।

Q96. A द्वारा जीते गए कुल गेम और C द्वारा हारे गए कुल गेम का अनुपात ज्ञात कीजिए।

- (a) 2:1
- (b) 1:1
- (c) 1:3
- (d) 4:3
- (e) 5:2

Q97. B द्वारा हारे गए कुल गेम, A द्वारा जीते गए कुल गेम का कितना प्रतिशत है?

- (a) 66.67%
- (b) 32.5%
- (c) 8.33%
- (d) 62.5%
- (e) इनमें से कोई नहीं

Q98. B और A द्वारा हारे गए कुल गेम का योग ज्ञात कीजिए।

- (a) 210
- (b) 220
- (c) 250
- (d) 320
- (e) 240

Q99. यदि D द्वारा हारे गए कुल गेम A द्वारा हारे गए कुल गेम की तुलना में 25% अधिक हैं और D द्वारा जीते गए कुल गेम C द्वारा जीते गए कुल गेम के आधे से पांच अधिक हैं, तो D द्वारा हारे गए कुल डैम और जीते गए कुल गेम के बीच का अंतर ज्ञात कीजिए।

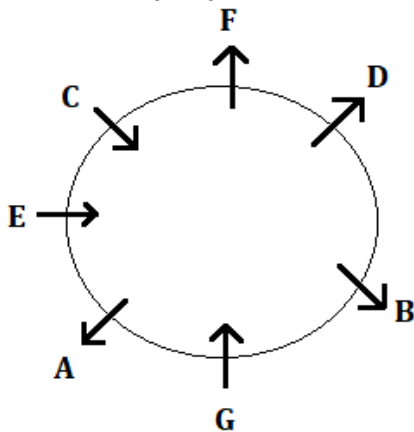
- (a) 147
- (b) 149
- (c) 142
- (d) 139
- (e) 129

Q100. A और B द्वारा जीते गए कुल गेम तथा C द्वारा हारे गए कुल गेम का औसत ज्ञात कीजिए।

- (a) 98.25
- (b) 91.67
- (c) 83.33
- (d) 96.67
- (e) 129

Solutions

Solutions (1-5):



S1. Ans. (e)

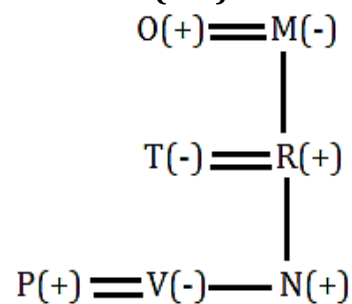
S2. Ans. (a)

S3. Ans. (a)

S4. Ans. (b)

S5. Ans. (c)

Solutions (6-8):



S6. Ans. (e)

Sol. V को छोड़कर सभी पुरुष हैं

S7. Ans. (b)

S8. Ans. (a)

S9. Ans. (b)

Sol. TACT

Solutions (10-14):

वर्ष	उम्र	व्यक्ति
1955	69	P
1967	57	O
1973	51	L
1980	44	M
1987	37	N
1991	33	K
2003	21	Q

S10. Ans. (d)

S11. Ans. (c)

S12. Ans. (b)

S13. Ans. (e)

S14. Ans. (a)

Solutions (15-19):

शब्द	कूट
The	ud
Play	uk
Seen	ua
In	um
Same/Game	us/ut
Jar/Is	uh/uw
Played	ub

S15. Ans. (b)

S16. Ans. (d)

S17. Ans. (c)

S18. Ans. (c)

S19. Ans. (a)

Solutions (20-24):

B	E	A	F	C	D
सेब	संतरा	केला	अमरुद	आम	स्ट्रॉबेरी

S20. Ans. (d)

S21. Ans. (b)

S22. Ans. (a)

S23. Ans. (d)

S24. Ans. (e)

S25. Ans. (b)

Sol. . तर्क - FBI

पहला अक्षर दूसरे अक्षर का चौथा अगला अक्षर है और तीसरा अक्षर पहले अक्षर का तीसरा अगला अक्षर है।

Solutions (26-30):

बॉक्स	प्रकार
D	Brass
C	Jute
F	Iron
B	Leather
A	Wood
E	Steel

S26. Ans. (b)

S27. Ans. (e)

S28. Ans. (a)

S29. Ans. (b)

S30. Ans. (c)

S31. Ans. (c)

Sol.

ORGANIZE



Solutions (32-34):

T (60kg) > S > P (40kg) > Q > R/U > U/R

S32. Ans. (c)

S33. Ans. (b)

S34. Ans. (c)

S35. Ans. (e)

Sol. CONVERSION

DNOUFQTHPM

S36. Ans.(c)

Sol. According to the passage, emotional intelligence is shaped significantly by socialization, not just biological factors, making statement (I) false. However, statements (II) and (III) are true because the passage states that women excel in empathy, social responsibility, and interpersonal relationships, while men perform better in assertiveness and stress tolerance.

Analysis:

1. **(I) Emotional intelligence (EQ) is primarily shaped by biological factors, with little influence from socialization.**
 - o The passage states that both biological factors and socialization shape emotional intelligence, but it emphasizes that socialization plays a **significant role** in shaping gender-specific EQ strengths. Therefore, **this statement is false** because it incorrectly downplays the role of socialization.
2. **(II) Women tend to excel in empathy, social responsibility, and interpersonal relationships according to research.**
 - o The passage directly supports this claim: *"Women often score higher in areas such as empathy, interpersonal relationships, and social responsibility."*
 - o **This statement is true.**
3. **(III) Assertiveness and stress tolerance are often considered key emotional competencies where men perform better.**
 - o The passage mentions: *"Men tend to perform better in assertiveness, stress tolerance, and self-regard."*
 - o **This statement is true.**

Based on this analysis, the correct answer is: **(c) Both (II) and (III) are true.**

S37. Ans.(b)

Sol. Statement (b) is false because the passage highlights that **men's** assertiveness and self-regard give them an advantage in competitive and hierarchical leadership roles, not women's relational strengths. Women's strengths are better suited for teamwork and collaborative settings. The other statements accurately reflect the passage.

Analysis:

1. **(a) Men's assertiveness and self-regard give them an advantage in hierarchical leadership positions.**
 - o The passage states: *"Men's strengths in assertiveness and self-regard often give them an advantage in competitive environments, helping them excel in leadership positions."*
 - o **This statement is correct.**
2. **(b) Women's relational strengths are particularly well-suited for competitive, high-pressure roles in leadership.**
 - o The passage contrasts men's assertiveness and confidence with women's strengths in empathy and interpersonal relationships. It suggests that women's skills are well-suited for teamwork and collaboration but **implies that these skills may not always be valued in competitive leadership roles.**
 - o **This statement is incorrect** because women's relational strengths are described as better suited for team-oriented roles, not high-pressure, competitive leadership environments.

3. **(c) Boys are often encouraged to be decisive and assertive from an early age.**
 - o The passage states: *"Boys are often encouraged to be competitive, confident, assertive, and decisive."*
 - o **This statement is correct.**
4. **(d) Socialization influences the development of emotional competencies for both genders.**
 - o The passage emphasizes that **socialization** plays a significant role in shaping emotional intelligence for both men and women.
 - o **This statement is correct.**
5. **(e) Emotional intelligence skills learned in childhood are reinforced by societal norms as individuals grow older.**
 - o The passage states: *"As boys and girls grow into adults, these learned behaviors are reinforced by societal norms and expectations."*
 - o **This statement is correct.**

The incorrect statement is: **(b) Women's relational strengths are particularly well-suited for competitive, high-pressure roles in leadership.**

S38. Ans.(b)

Sol. Statement (I) is true because the passage explains that women's emotional intelligence strengths like empathy and relational skills are undervalued in leadership roles. Statement (III) is also true, as the passage indicates that societal norms reinforce the emotional skills developed in childhood. However, statement (II) is false because men are said to excel in competitive environments, not necessarily in teamwork and collaborative settings, which are associated more with women's strengths.

Analysis:

1. **(I) Women's emotional intelligence strengths are undervalued in hierarchical structures, particularly in leadership positions.**
 - o The passage mentions: *"Women's strengths in empathy and interpersonal relationships make them highly effective in teamwork and collaborative settings, though these skills are sometimes undervalued in leadership hierarchies."*
 - o **This statement is true.**
2. **(II) Men tend to perform better in teamwork and collaborative settings due to their confidence.**
 - o The passage does not suggest that men excel in teamwork and collaboration due to their confidence. In fact, it states that **women** are better suited for collaborative environments due to their empathy and relational skills.
 - o **This statement is false.**
3. **(III) Societal expectations reinforce the emotional competencies that boys and girls develop early in life.**
 - o The passage states: *"As boys and girls grow into adults, these learned behaviors are reinforced by societal norms and expectations."*
 - o **This statement is true.**

The correct answer is: **(b) Both (I) and (III) are true.**

S39. Ans.(a)

Sol. In the context of the passage, "lay" is used in the phrase "lay the foundation," which means to establish or set the groundwork for something. Therefore, the word that has a similar meaning is establish (a). The other options do not fit this context.

Meanings:

1. **(a) Establish** – This means to set up or lay the foundation for something. This matches the meaning of "lay" in the passage.
 - o Hindi meaning: स्थापित करना
2. **(b) Cover** – This means to place something over or conceal something.
 - o Hindi meaning: ढकना

3. **(c) Remove** – This means to take away or eliminate.
 - o Hindi meaning: हटाना
4. **(d) Complicate** – This means to make something more difficult or complex.
 - o Hindi meaning: जटिल बनाना
5. **(e) Dismiss** – This means to send away or reject.
 - o Hindi meaning: खारिज करना

S40. Ans.(c)

Sol. The passage suggests that **recognizing and valuing both genders' emotional strengths** can foster a more inclusive and balanced leadership. Thus, (c) can be inferred. (a) is incorrect because the passage notes that women's strengths are often undervalued in leadership. (b) is false because both societal and biological factors contribute to these differences. (d) oversimplifies the issue, while (e) is incorrect as collaboration between genders is possible, given their complementary emotional competencies.

Analysis:

1. **(a) Women's strengths in empathy and interpersonal relationships make them more suitable for leadership roles than men.**
 - o The passage does not state that women are more suitable for leadership roles than men. It indicates that women excel in empathy and relationships but that these strengths may be undervalued in hierarchical leadership positions.
 - o **This statement is incorrect.**
2. **(b) Men's performance in assertiveness and confidence is exclusively the result of societal conditioning, with no biological factors involved.**
 - o The passage mentions that both **biological factors** and **socialization** shape emotional competencies, so it is incorrect to say that men's performance is exclusively due to societal conditioning.
 - o **This statement is incorrect.**
3. **(c) Organizations that recognize and value both genders' emotional strengths can create more balanced and effective leadership.**
 - o The passage supports this inference: *"Recognizing and valuing these differences can help organizations leverage the diverse emotional strengths of both genders, fostering a more balanced and inclusive leadership landscape."*
 - o **This statement is correct.**
4. **(d) Women are less likely to succeed in competitive environments because they lack confidence and assertiveness.**
 - o The passage does mention that men often outperform women in assertiveness and confidence, but it does not suggest that women are less likely to succeed overall. It emphasizes different strengths rather than a lack of ability in competitive environments.
 - o **This statement is incorrect.**
5. **(e) Emotional intelligence competencies between men and women are so different that they cannot effectively collaborate in professional settings.**
 - o The passage does not state that the differences between men and women's emotional intelligence are so vast that they cannot collaborate. In fact, it suggests that recognizing and valuing both strengths can be beneficial in workplaces.
 - o **This statement is incorrect.**

The correct answer is: **(c) Organizations that recognize and value both genders' emotional strengths can create more balanced and effective leadership.**

S41. Ans.(d)

Sol. The passage clearly explains that societal norms play a significant role in reinforcing **gender-specific emotional skills**, where men excel in assertiveness and competition, and women in empathy and teamwork. Hence, (d) is the correct inference. (a) is incorrect as societal norms affect both genders. (b) is false because boys and girls are socialized to develop different emotional skills. (c) is incorrect since emotional intelligence can evolve. (e) contradicts the passage, which emphasizes the influence of socialization.

Analysis:

1. **(a) Societal norms only affect women's emotional intelligence, particularly in developing empathy and interpersonal skills.**
 - o The passage states that societal norms influence **both** men and women, shaping different emotional competencies for each gender (assertiveness for men and empathy for women).
 - o **This statement is incorrect** because societal norms affect both genders, not just women.
2. **(b) Boys and girls are socialized in a way that equally promotes both assertiveness and empathy in both genders.**
 - o The passage explicitly states that boys and girls are socialized differently, with boys encouraged to be assertive and girls encouraged to be empathetic. There is no indication of equal promotion of both traits in both genders.
 - o **This statement is incorrect.**
3. **(c) Emotional intelligence is fixed and cannot be influenced or altered once societal norms have shaped it during childhood.**
 - o The passage does not suggest that emotional intelligence is fixed. It implies that societal norms shape emotional intelligence but does not say that these traits are unchangeable.
 - o **This statement is incorrect.**
4. **(d) Societal expectations reinforce gender-specific emotional skills, leading to men excelling in competitive environments and women in teamwork.**
 - o This aligns with the passage, which explains that boys are socialized to develop assertiveness and confidence, which help in competitive environments, while girls develop empathy and relationship-building skills, making them more effective in teamwork settings.
 - o **This statement is correct.**
5. **(e) Societal norms have no influence on emotional competencies, which are purely biologically determined.**
 - o The passage clearly states that both societal norms and biological factors shape emotional intelligence. Therefore, societal norms **do** have an influence.
 - o **This statement is incorrect.**

The correct answer is: **(d) Societal expectations reinforce gender-specific emotional skills, leading to men excelling in competitive environments and women in teamwork.**

S42. Ans.(a)

Sol. The word "approach" means to move closer or come near something. The opposite of this would be to **withdraw** or move away from something, making **withdraw** (a) the correct antonym. The other options do not provide an opposite meaning to "approach."

Meanings:

1. **(a) Withdraw** – This means to pull back or move away, which is the opposite of “approach.”
 - o **Hindi meaning:** पीछे हटना
 - o This is the correct antonym of "approach."
2. **(b) Assist** – This means to help or support, which is not the opposite of “approach.”
 - o **Hindi meaning:** सहायता करना
3. **(c) Destroy** – This means to completely ruin or demolish, which doesn't directly relate to the meaning of "approach."
 - o Hindi meaning: नष्ट करना
4. **(d) Engage** – This means to involve or participate, which is not the opposite of “approach.”
 - o **Hindi meaning:** संलग्न करना
5. **(e) Leverage** – This means to use something to its maximum advantage, which is not related to the opposite of "approach."
 - o Hindi meaning: लाभ उठाना

S43. Ans.(c)

Sol. The correct word is **encouraged** (c), as the passage explains that boys are socially conditioned to develop traits such as competitiveness and assertiveness. The other options do not accurately reflect the positive reinforcement described in the sentence.

Meanings:

1. **(a) Persuaded** – This means to convince someone to do something. It can work in the sentence, but it implies a personal choice rather than societal influence.
 - o **Hindi meaning:** मनाना, राज़ी करना
2. **(b) Discouraged** – This means to deter someone from doing something, which is the opposite of what the sentence is suggesting (as boys are not discouraged from being competitive and assertive).
 - o **Hindi meaning:** हतोत्साहित करना
3. **(c) Encouraged** – This means to inspire or motivate someone to do something, which fits the context of boys being pushed toward competitiveness and assertiveness.
 - o **Hindi meaning:** प्रोत्साहित करना
 - o **This is the correct word** for the blank.
4. **(d) Influenced** – This means to have an effect on someone, but it's a broader term and doesn't specifically fit the sentence in the way “encouraged” does.
 - o **Hindi meaning:** प्रभावित करना
5. **(e) Restricted** – This means to limit or confine, which doesn't fit the context, as boys are not being restricted from these behaviors.
 - o **Hindi meaning:** प्रतिबंधित करना

The correct word is **(c) Encouraged**.

S44. Ans.(b)

Sol. The incorrect word in the sentence is **(b) activities**. The word "activities" is plural, but the verb "was" is singular. The word activities should be "**activity**" to match the singular verb "**was**".

Corrected sentence:

The children's favorite **activity** at the camp was hiking through the forest trails.

Meanings of the highlighted words:

1. Favorite

- o **English:** Preferred or liked more than others.
- o **Hindi:** पसंदीदा

2. Activities

- o **English:** Things that are done as work, hobbies, or for enjoyment.
- o **Hindi:** गतिविधियाँ

3. Trails

- o **English:** Paths, usually in natural surroundings like forests or mountains.
- o **Hindi:** पगडंडी

4. Hiking

- o **English:** The activity of going for long walks, especially in the countryside.
- o **Hindi:** पैदल यात्रा, लंबी सैर

S45. Ans.(d)

Sol. The incorrect word in the sentence is **(d) joe**. The word should be **joy** instead of "joe."

Corrected sentence:

She felt an overwhelming sense of **joy** as she watched the sunset, its vibrant colors painting the sky.

Meanings of the highlighted words:

1. Watched

- o **English:** To observe something or someone carefully.
- o **Hindi:** ध्यान से देखना

2. Vibrant

- o **English:** Full of energy and life; bright and striking in color.
- o **Hindi:** ऊर्जा से भरा हुआ; चमकीला

3. Overwhelming

- o **English:** Very intense or powerful, difficult to deal with due to its magnitude.
- o **Hindi:** अत्यधिक प्रबल, जिसे संभालना मुश्किल हो

4. Joy (Corrected from 'Joe')

- o **English:** A feeling of great happiness or pleasure.
- o **Hindi:** खुशी, आनंद

S46. Ans.(d)

Sol. The correct statements are (I) and (II).

(I) is correct. "The team" is a collective noun, but it is treated as singular in this context, so "deserves" is the correct verb form.

(II) is correct. The sentence structure is sound, and both parts of the sentence are grammatically correct.

(III) is incorrect. The subject "Each of the students" is singular, so it should be "Each of the students **was** required..."

S47. Ans.(d)

Sol. The incorrect sentences are (I) and (II).

(I) is incorrect. The correct form is "The manager, along with her team, **was** discussing..." because the subject "manager" is singular, and the phrase "along with her team" does not change that.

(II) is incorrect. The correct form is "If I **had** known about the event earlier..." since "would have" cannot be used in the "if" clause of a conditional sentence.

(III) is correct. The sentence is grammatically and contextually accurate.

(e) All (I), (II), and (III)

S48. Ans.(b)

Sol.

(I) is incorrect. The correct form is "If you **had** studied harder, you could have passed the exam." The past perfect "had" should be used instead of "would have."

(II) is correct. The sentence is grammatically accurate and contextually logical.

(III) is correct. The subject-verb agreement is appropriate, and the sentence makes sense both grammatically and contextually.

S49. Ans.(e)

Sol. The correct sequence is **C - D - E - B - F - A**.

- **C** introduces the central topic: the bed bug outbreak in Paris. It sets the stage by mentioning the resurgence of bed bugs in the city.
- **D** follows logically by discussing the concerns raised by the outbreak, focusing on the worries of both residents and tourists.
- **E** explains why the outbreak is spreading so rapidly, providing a general explanation about international travel and urban density contributing to the infestation.
- **B** elaborates on the spread, specifying where bed bugs are appearing (public transport, tourist areas, airports), expanding on the idea introduced in **E**.
- **F** adds more details about specific locations like metros and airports, which were already hinted at in **B**, making it a natural follow-up.
- **A** concludes the paragraph by mentioning the government's response, which is a logical conclusion after outlining the problem and its scope.

S50. Ans.(d)

Sol. The correct sequence is **C - D - E - B - F - A**.

- **C** introduces the central topic: the bed bug outbreak in Paris. It sets the stage by mentioning the resurgence of bed bugs in the city.
- **D** follows logically by discussing the concerns raised by the outbreak, focusing on the worries of both residents and tourists.
- **E** explains why the outbreak is spreading so rapidly, providing a general explanation about international travel and urban density contributing to the infestation.
- **B** elaborates on the spread, specifying where bed bugs are appearing (public transport, tourist areas, airports), expanding on the idea introduced in **E**.
- **F** adds more details about specific locations like metros and airports, which were already hinted at in **B**, making it a natural follow-up.
- **A** concludes the paragraph by mentioning the government's response, which is a logical conclusion after outlining the problem and its scope.

S51. Ans.(b)

Sol. The correct sequence is **C - D - E - B - F - A**.

- **C** introduces the central topic: the bed bug outbreak in Paris. It sets the stage by mentioning the resurgence of bed bugs in the city.
- **D** follows logically by discussing the concerns raised by the outbreak, focusing on the worries of both residents and tourists.
- **E** explains why the outbreak is spreading so rapidly, providing a general explanation about international travel and urban density contributing to the infestation.
- **B** elaborates on the spread, specifying where bed bugs are appearing (public transport, tourist areas, airports), expanding on the idea introduced in **E**.
- **F** adds more details about specific locations like metros and airports, which were already hinted at in **B**, making it a natural follow-up.
- **A** concludes the paragraph by mentioning the government's response, which is a logical conclusion after outlining the problem and its scope.

S52. Ans.(a)

Sol. The correct sequence is **C - D - E - B - F - A**.

- **C** introduces the central topic: the bed bug outbreak in Paris. It sets the stage by mentioning the resurgence of bed bugs in the city.
- **D** follows logically by discussing the concerns raised by the outbreak, focusing on the worries of both residents and tourists.
- **E** explains why the outbreak is spreading so rapidly, providing a general explanation about international travel and urban density contributing to the infestation.
- **B** elaborates on the spread, specifying where bed bugs are appearing (public transport, tourist areas, airports), expanding on the idea introduced in **E**.
- **F** adds more details about specific locations like metros and airports, which were already hinted at in **B**, making it a natural follow-up.
- **A** concludes the paragraph by mentioning the government's response, which is a logical conclusion after outlining the problem and its scope.

S53. Ans.(c)

Sol. The correct sequence is **C - D - E - B - F - A**.

- **C** introduces the central topic: the bed bug outbreak in Paris. It sets the stage by mentioning the resurgence of bed bugs in the city.
- **D** follows logically by discussing the concerns raised by the outbreak, focusing on the worries of both residents and tourists.
- **E** explains why the outbreak is spreading so rapidly, providing a general explanation about international travel and urban density contributing to the infestation.
- **B** elaborates on the spread, specifying where bed bugs are appearing (public transport, tourist areas, airports), expanding on the idea introduced in **E**.
- **F** adds more details about specific locations like metros and airports, which were already hinted at in **B**, making it a natural follow-up.
- **A** concludes the paragraph by mentioning the government's response, which is a logical conclusion after outlining the problem and its scope.

S54. Ans.(e)

Sol. The correct sentence is only (II).

(I) is incorrect. The correct form is "The children **were** playing..." since "children" is plural and requires "were."

(II) is correct. The past perfect tense "had started" is appropriately used to show that the concert began before the arrival.

(III) is incorrect. The correct form is "Neither of the candidates **was** prepared..." because "neither" takes a singular verb.

S55. Ans.(b)

Sol. The incorrect statements are (II) and (III).

(I) is correct. The sentence is grammatically and contextually sound.

(II) is incorrect. The correct phrase is "Despite **the** heavy traffic," not "Despite of."

(III) is incorrect. The correct form is "She has been working on the project **for** six months..." because "for" is used to indicate a duration of time, not "since."

S56. Ans.(a)

Sol. The incorrect word in the sentence is (a) **priase**. The correct spelling should be "**praise**" instead of "priase."

Corrected sentence:

When the crown was placed on the head of the newest king, all of the people at the coronation went wild with **praise**.

Meanings of the highlighted words:

1. **Praise**

- o **English:** Expression of approval or admiration.
- o **Hindi:** प्रशंसा

2. **Newest**

- o **English:** Most recent; latest.
- o **Hindi:** सबसे नया

3. **Crown**

- o **English:** A ceremonial headpiece worn by a monarch.
- o **Hindi:** ताज

4. **Coronation**

- o **English:** The act or ceremony of crowning a monarch.
- o **Hindi:** राज्याभिषेक

S57. Ans.(a)

Sol. The incorrect word in the sentence is (a) **vaccation**. The correct spelling should be "**vacation**" instead of "vaccation."

Corrected sentence:

Because we did nothing but sit in the hotel room, our **vacation** was vapid and uninteresting.

Meanings of the highlighted words:

1. **Vacation**

- o **English:** A period of rest or travel when one is not working.
- o **Hindi:** छुट्टी, अवकाश

2. **Vapid**

- o **English:** Lacking in liveliness, flavor, or interest.
- o **Hindi:** नीरस, बेस्वाद

3. **Hotel**

- o **English:** A building where travelers can pay for lodging and meals.
- o **Hindi:** होटल

4. **Uninteresting**

- o **English:** Not holding interest or attention; dull.
- o **Hindi:** उबाऊ, अरुचिकर

S58. Ans.(e)

Sol. The correct answer is **(e) charity**.

Here's a breakdown of the options and their meanings in both Hindi and English:

(a) atrocity

- **Meaning in English:** A cruel and violent act, often involving great suffering.
- **Meaning in Hindi:** अत्याचार (atyachaar)
- **Why incorrect:** This word refers to extreme cruelty or violence and doesn't fit the context of helping underprivileged children.

(b) clarity

- **Meaning in English:** The quality of being clear and easy to understand.
- **Meaning in Hindi:** स्पष्टता (spashtata)
- **Why incorrect:** This refers to something being understandable or transparent, which does not make sense in the context of donating money to help children.

(c) calamity

- **Meaning in English:** A great disaster or serious misfortune.
- **Meaning in Hindi:** विपत्ति (vipatti)
- **Why incorrect:** This word refers to a disaster, which is not relevant in the context of an organization helping children.

(d) acidity

- **Meaning in English:** The level of acid in substances, or a sharp or bitter manner.
- **Meaning in Hindi:** अम्लता (amlta)
- **Why incorrect:** This word refers to a chemical property or sometimes a sharp tone in communication, and it doesn't make sense in the context of supporting children.

(e) charity

- **Meaning in English:** An organization that helps people in need, often with donations.
- **Meaning in Hindi:** धर्मार्थ संगठन (dharmarth sangathan)
- **Why correct:** This word refers to an organization that helps underprivileged people, which aligns perfectly with the sentence context.

Thus, "**charity**" is the correct and meaningful word for the sentence.

S59. Ans.(d)

Sol. The correct answer is **(d) prestigious**.

Here's a breakdown of the options and their meanings in both Hindi and English, and why they are correct or incorrect:

(a) ignorant – This means lacking knowledge or awareness, which is inappropriate in this context.

Hindi meaning: अज्ञानी

(b) latent – This means existing but not yet developed or visible. It doesn't fit the context because the artists mentioned are already recognized and visible.

Hindi meaning: अप्रकट

(c) removable – This means able to be removed, which doesn't apply to artists or their status.

Hindi meaning: हटाने योग्य

(d) prestigious – This means having a high status, respected or admired, which perfectly fits the context of renowned artists.

Hindi meaning: प्रतिष्ठित

(e) religious – This refers to someone with strong religious beliefs, which is unrelated to the context of art.

Hindi meaning: धार्मिक

S60. Ans.(a)

Sol. The correct answer is **(a) profound**.

Here's the explanation of the options in both Hindi and English, and why they are correct or incorrect:

(a) profound

- **Meaning in English:** Having deep insight or a strong effect; something that is very intense or meaningful.
- **Meaning in Hindi:** गहरा (gahara), अत्यधिक प्रभावशाली (atyadhik prabhavshali)
- **Why correct:** This word fits the context perfectly, as it describes a deep and significant impact on her perspective, which aligns with the idea of changing how she viewed the world.

(b) tripping

- **Meaning in English:** Stumbling or falling over something.
- **Meaning in Hindi:** ठोकर खाना (thokar khana)
- **Why incorrect:** This refers to physical stumbling, which doesn't fit the context of describing the emotional or mental impact of a book.

(c) encroach

- **Meaning in English:** To gradually invade someone's space, rights, or time.
- **Meaning in Hindi:** अतिक्रमण करना (atikraman karna)
- **Why incorrect:** This word refers to intruding or violating someone's space, which does not fit the context of a book influencing someone's perspective.

(d) oversea

- **Meaning in English:** Relating to foreign countries, often across the sea.
- **Meaning in Hindi:** विदेशी (videshi), समुद्र पार (samudra paar)
- **Why incorrect:** This word is related to geographical locations, and doesn't fit with describing the impact of a book on her perspective.

(e) accurately

- **Meaning in English:** Correct or precise.
- **Meaning in Hindi:** सही (sahi), सटीक (satik)
- **Why incorrect:** It is grammatically incorrect.
- Thus, "**profound**" is the best fit as it effectively conveys the idea of a significant change in her worldview.

S61. Ans.(b)

Sol. The correct answer is **(b) chaos**.

Here's the explanation of the options in both Hindi and English, and why they are correct or incorrect:

(a) concur

- **Meaning in English:** To agree or have the same opinion.
- **Meaning in Hindi:** सहमत होना (sahmat hona)
- **Why incorrect:** This word refers to agreement or harmony, which doesn't match the context of describing a state of confusion due to a power outage.

(b) chaos

- **Meaning in English:** Complete disorder and confusion.
- **Meaning in Hindi:** अराजकता (arajakta), अव्यवस्था (avyavastha)
- **Why correct:** This word fits perfectly as the sentence describes a city in confusion and disorder due to a power outage, leading to traffic jams and confused crowds.

(c) Growth

- **Meaning in English:** The process of increasing in size, number, or significance.
- **Meaning in Hindi:** वृद्धि (Vridhhi)
- **Why incorrect:** "Growth" refers to development or expansion, which does not fit the context of confusion and disorder caused by a sudden power outage. The sentence describes chaos and disruption, not improvement or development.

(d) peculiar

- **Meaning in English:** Strange or unusual.
- **Meaning in Hindi:** अजीब (ajeeb), असामान्य (asamany)
- **Why incorrect:** This word refers to something unusual, but it doesn't fully capture the level of disorder described in the sentence.

(e) nascent

- **Meaning in English:** Just coming into existence or beginning to develop.
- **Meaning in Hindi:** प्रारंभिक (parambhik), नवजात (navjat)
- **Why incorrect:** This word refers to something new or in the early stages, which doesn't match the description of a city in chaos due to a power outage.

Thus, "**chaos**" is the most appropriate word to describe the disorder and confusion caused by the sudden power outage.

S62. Ans.(c)

Sol. The correct answer is **(c) activated**.

Here's the explanation of the options in both Hindi and English, and why they are correct or incorrect:

(a) weltered

- **Meaning in English:** To move in a turbulent or uncontrolled manner.
- **Meaning in Hindi:** उलझना (ulajhna), लड़खड़ाना (ladhakdana)
- **Why incorrect:** This word refers to chaotic or uncontrolled movement, which doesn't fit the context of the machine beginning to operate smoothly.

(b) invoked

- **Meaning in English:** To call upon or cite something (e.g., a rule, law, or authority) for support.
- **Meaning in Hindi:** आह्वान करना (aahvan karna)
- **Why incorrect:** This word refers to calling for something, often abstract, like support or authority, and doesn't fit the context of starting a machine.

(c) activated

- **Meaning in English:** To cause a device or system to start functioning.
- **Meaning in Hindi:** सक्रिय करना (sakriya karna)
- **Why correct:** This word is perfect for the context, as it describes turning the machine on and it starting to work smoothly after the switch was flipped.

(d) captivated

- **Meaning in English:** To hold someone's attention or interest.
- **Meaning in Hindi:** मोहित करना (mohit karna)
- **Why incorrect:** This word refers to capturing attention or fascination, which doesn't make sense when talking about a machine starting to work.

(e) deactivated

- **Meaning in English:** To turn off or stop something from functioning.
- **Meaning in Hindi:** निष्क्रिय करना (nishkriya karna)
- **Why incorrect:** This word means to stop a machine or device from working, which is the opposite of what the sentence is describing.

Thus, "**activated**" is the best fit as it describes the machine starting and operating smoothly.

S63. Ans.(a)

Sol. The phrasal verb "come up" means to arise, be mentioned, or become available. It can also refer to events or opportunities appearing. It does not refer to literal actions that are factually incorrect.

- **Sentence (A)** correctly uses "come up" to refer to an issue being mentioned or arising during a meeting.
- **Sentence (B)** also correctly uses "come up" to describe an opportunity becoming available.
- **Sentence (C)** is incorrect because it states a factual impossibility — the sun does not come up in the west.

Therefore, the correct answer is **(a) Both A & B.**

S64. Ans.(d)

Sol. The phrasal verb "get across" means to successfully communicate or convey an idea, message, or information. It does not refer to physically crossing an obstacle like a mountain.

- **Sentence (A)** is incorrect because it refers to physically crossing a mountain, which is not the idiomatic use of "get across."
- **Sentence (B)** correctly uses "get across" to describe communicating complex data in a clear manner.
- **Sentence (C)** also correctly uses "get across" to describe conveying a point effectively using visuals.

Therefore, the correct answer is **(d) Only A**

S65. Ans.(d)

Sol. The phrasal verb "check out" has multiple meanings: it can mean settling your bill and leaving a place (like a hotel), borrowing something (like a library book), or investigating or looking at something interesting.

- **Sentence (A)** correctly uses "check out" in the context of leaving a hotel.
- **Sentence (B)** is also correct, as it refers to borrowing books from a library.
- **Sentence (C)** correctly uses "check out" to suggest investigating a new restaurant.

Therefore, the correct answer is **(d) All A, B, C.**

Sol. (66-70):

शहर K के लिए

X और Y द्वारा बेची गई बाइक = 328

Y द्वारा बेची गई बाइक = 210

X द्वारा बेची गई बाइक = 328-210=118

इसी प्रकार,

शहर	X द्वारा बेची गई बाइक	Y द्वारा बेची गई बाइक	(X और Y) द्वारा बेची गई कार
K	118	210	450
L	240	320	980
M	350	90	730
N	425	195	350

S66. Ans.(b)

Sol. शहर K में Y द्वारा बेची गई कारों की कुल संख्या = $\frac{2}{5} \times 210 = 84$

शहर K में X द्वारा बेची गई कारों की कुल संख्या = $450 - 84 = 366$

अभीष्ट अंतर = $366 - 350 = 16$

S67. Ans.(e)

Sol. शहर N में X द्वारा बेची गई कारों की कुल संख्या = $\frac{80}{100} \times 350 = 280$

शहर N में Y द्वारा बेची गई कारों की कुल संख्या = $350 - 280 = 70$

अभीष्ट अनुपात = $70 : 210 = 1:3$

S68. Ans.(a)

Sol. शहर L में X द्वारा बेची गई कारों की कुल संख्या = $980 \times \frac{3}{7} = 420$

अभीष्ट अंतर = $420 - 195 = 225$

S69. Ans.(b)

Sol. अभीष्ट प्रतिशत = $\frac{350-350}{350} \times 100 = 0\%$

S70. Ans.(a)

Sol. शहर M में Y द्वारा बेची गई कारों की कुल संख्या = $200 + 240 = 440$

शहर M में X द्वारा बेची गई कारों की कुल संख्या = $730 - 440 = 290$

अभीष्ट प्रतिशत = $\frac{290}{450} \times 100 = 64.44\% \approx 64\%$

Sol. (71-75):

दुकान A के लिए

2021 में A द्वारा बेची गई कुल वस्तुओं का $1/3 = 600$

2021 में बेची गई वस्तुओं की कुल संख्या = $600 \times 3 = 1800$

2022 में A द्वारा बेची गई कुल वस्तुओं का $1/3 = 700$

2022 में बेची गई वस्तुओं की कुल संख्या = $700 \times 3 = 2100$

2023 में बेची गई वस्तुओं की कुल संख्या = $\frac{120}{100} \times 1800 = 2160$

इसी प्रकार,

दुकान	2021 में	2022 में	2023 में
A	1800	2100	2160
B	1260	1620	1512
C	900	1080	1080
D	1560	600	1872
E	840	1440	1008

S71. Ans.(c)

Sol. अभीष्ट प्रतिशत = $\frac{2100-1872}{2100} \times 100 = 10.8 \approx 11\%$ (अनुमानित)

S72. Ans.(c)

Sol. अभीष्ट अनुपात = $1620 : 1080$
= 3:2

S73. Ans.(a)

Sol. अभीष्ट अंतर = $(1800 + 1260) - (1872 + 1008)$
= $3060 - 2880 = 180$

S74. Ans.(d)

Sol. अभीष्ट योग = $2160 + 1512 + 1080 = 4752$

S75. Ans.(a)

Sol. तीनों वर्षों में A द्वारा बेची गई वस्तुओं की कुल संख्या = $1800 + 2100 + 2160 = 6060$
अभीष्ट अंतर = $6060 - (1512 + 1872) = 2676$

S76. Ans.(c)

Sol. श्रृंखला का पैटर्न है:

188,	177,	199,	166,	210,	155,	221
-11	+22	-33	+44	-55	+66	

S77. Ans.(c)

Sol. श्रृंखला का पैटर्न है:

18225,	6075,	2025,	675,	225,	75,	25
÷ 3	÷ 3	÷ 3	÷ 3	÷ 3	÷ 3	

S78. Ans.(e)

Sol. श्रृंखला का पैटर्न है:

210,	228,	250,	274,	302,	332,	366
18	22	24	28	30	34	
4	2	4	2	4		

S79. Ans.(a)

Sol. श्रृंखला का पैटर्न है:

304,	308,	316,	332,	364,	428,	556
4	8	16	32	64	128	

S80. Ans.(b)

Sol. श्रृंखला का पैटर्न है:

2194,	2175,	2152,	2123,	2092,	2055,	2014
19	23	29	31	37	41	

S81. Ans.(b)**Sol.** 40 का 5% + 450 का 10% =?

$$2 + 45 = ?$$

$$47 = ?$$

S82. Ans.(a)**Sol.** $\sqrt{841} + 361$ का $\frac{14}{19} = ? \times 5$

$$295 = ? \times 5$$

$$59 = ?$$

S83. Ans.(d)**Sol.** $12^3 - 108 = 400$ का 25% +?

$$1620 = 100 + ?$$

$$1520 = ?$$

S84. Ans.(e)**Sol.** $\frac{600 \text{ का } 32\%}{2} \div \frac{1}{4} = ?^2 - 16$

$$96 \times 4 = ?^2 - 16$$

$$400 = ?^2$$

$$20 = ?$$

S85. Ans.(b)**Sol.** $\left(\frac{256}{16} \div \frac{4}{2}\right) = ? \div 12$

$$(16 \div 2) = ? \div 12$$

$$96 = ?$$

S86. Ans.(a)**Sol.** माना, कुल कार्य (4 और 24 का ल.स.प.) = 24 इकाई

$$A, B \text{ और } C \text{ की संयुक्त दक्षता} = \frac{24}{4} = 6 \text{ इकाई/दिन}$$

$$B \text{ की दक्षता} = \frac{24}{24} = 1 \text{ इकाई/दिन}$$

$$C \text{ की दक्षता} = 1 \times 4 = 4 \text{ इकाई/दिन}$$

$$A \text{ की दक्षता} = 6 - 1 - 4 = 1 \text{ इकाई/दिन}$$

$$A \text{ द्वारा कार्य पूरा करने में लिया गया समय} = \frac{24}{1} = 24 \text{ दिन}$$

$$C \text{ द्वारा कार्य पूरा करने में लिया गया समय} = \frac{24}{4} = 6 \text{ दिन}$$

$$\text{अभीष्ट अंतर} = 24 - 6 = 18 \text{ दिन}$$

S87. Ans.(b)**Sol.** माना P और Q की वर्तमान आयु क्रमशः $2x$ और $x+4$ वर्ष है।

$$R \text{ की वर्तमान आयु} = \frac{2x+x+4}{2} = \frac{3x+4}{2}$$

ATQ,

$$\frac{3x+4}{2} = 16 + 10$$

$$3x+4 = 52 \Rightarrow x = 16$$

$$P \text{ की वर्तमान आयु} = 32 \text{ वर्ष}$$

$$Q \text{ की वर्तमान आयु} = 20 \text{ वर्ष}$$

$$\text{अभीष्ट योग} = 32 + 20 + 26 = 78 \text{ वर्ष}$$

S88. Ans.(d)**Sol.** माना योजना A में निवेश की गई राशि = X रुपये

तो, योजना B में निवेश की गई राशि = 12200 - x रुपये

$$10\% \text{ दर पर समतुल्य चक्रवृद्धि ब्याज} = 10 + 10 + \frac{10 \times 10}{100} = 21\%$$

$$X \times \frac{21}{100} = \frac{(12200 - X) \times 4 \times 10}{100}$$

$$61X = 12200 \times 4 \times 10$$

$$X = 8000 \text{ रुपये}$$

S89. Ans.(d)**Sol.** लाभ का अनुपात =

$$A : B : C$$

$$12 \times 12 : 12 \times x : 8 \times (12 - x)$$

$$36 : 3x : 2(12 - x)$$

ATQ,

$$\frac{36}{60 + x} = \frac{1800}{3200}$$

$$60 + x = 64$$

$$x = 4$$

S90. Ans.(c)**Sol.** माना ट्रेन A की लंबाई = l मीटर

और माना ट्रेन A की गति = S मीटर/सेकंड

ATQ,

$$\text{ट्रेन B की गति} = \frac{450 + 150}{24} = 25 \text{ मीटर/सेकेंड}$$

$$\text{ट्रेन A की गति, } S = \frac{l + 230}{29} \dots (i)$$

$$\text{अब, } 25 - S = \frac{450 + l}{160}$$

$$S = 25 - \frac{450 + l}{160} \dots (ii)$$

(i) एवं (ii) को हल करने पर :

$$\frac{l + 450}{160} = 25 - \frac{l + 230}{29}$$

$$l = 350 \text{ मीटर}$$

$$\text{अतः, ट्रेन A की गति} = \frac{350 + 230}{29} = 20 \text{ मीटर/सेकेंड}$$

$$\text{अभीष्ट समय} = \frac{350 + 50}{20} = 20 \text{ सेकंड}$$

S91. Ans.(e)**Sol.** शांत जल में नाव की गति तथा धारा की गति क्रमशः x तथा y है।

ATQ,

$$x = \frac{4}{3}(x - y)$$

$$\frac{x}{y} = \frac{4}{1} = \frac{4m}{1m}$$

$$\frac{560}{(1m + 4m)} = 7$$

$$16 = m$$

$$\text{अभीष्ट उत्तर} = \frac{480}{(4 - 1) \times 16} = 10 \text{ घंटे}$$

S92. Ans.(a)

Sol. माना क्रय मूल्य $100x$ रुपये है

अंकित मूल्य = $160x$ रुपये

विक्रय मूल्य = $128x$ रुपये

$$\text{छूट}\% = \frac{160x - 128x}{160x} \times 100$$

$$\frac{32x}{160x} \times 100 = 20\%$$

ATQ

$$4d = 20$$

$$d = 5$$

$$\text{नया विक्रय मूल्य} = 160x \times \frac{100 - (6 \times 5)}{100} = 112x$$

$$\text{लाभ}\% = \frac{112x - 100x}{100x} \times 100 = 12\%$$

S93. Ans.(c)

Sol. माना मिश्रण A में दूध और पानी की मात्रा क्रमशः $9l$ और $5l$ है।

$$\text{मिश्रण B में दूध की मात्रा} = 9l \times \frac{120}{100} = \frac{54}{5} l$$

$$\text{तथा मिश्रण B में पानी की मात्रा} = 5l \times \frac{4}{5} = 4l$$

ATQ

$$5l + 4l = 54$$

$$l = 6$$

अतः, अभीष्ट मात्रा = $9 + 5 = 14l = 84$ लीटर

S94. Ans.(b)

Sol. कक्षा का कुल वजन = $(24 + 6) \times 40 = 1200$ किग्रा

कक्षा में 24 लड़कों का कुल वजन = $24 \times (40 - 4) = 864$ किग्रा

$$\text{अभीष्ट औसत} = \frac{1200 - 864}{6} = 56 \text{ किग्रा}$$

S95. Ans.(b)

Sol. माना आयत की लंबाई और चौड़ाई क्रमशः ' l ' मीटर और ' b ' मीटर है।

अतः, वर्ग की भुजा = ' l ' मीटर

ATQ.

$$\frac{l \times l}{l \times b} = \frac{3}{2}$$

$$\frac{l}{b} = \frac{3}{2} = \frac{3x}{2x}$$

$$2(l + b) = 40$$

$$2(3x + 2x) = 40$$

$$x = 4$$

आयत की चौड़ाई = $2x = 8$ मीटर

Solutions (96-100)

दिया गया, B द्वारा जीते गए कुल गेम = 50

माना A द्वारा जीते गए गेम और B द्वारा हारे गए कुल गेम क्रमशः $3x$ और $2x$ हैं

$$A \text{ द्वारा हारे गए कुल खेल} = 3x \times \frac{4}{3} = 4x$$

ATQ,

$$\frac{4x + 50}{2} = 105$$

$$4x + 50 = 210$$

$$4x = 160$$

$$x = 40$$

$$C \text{ द्वारा जीते गए कुल गेम} = 80 \times \frac{6}{5} = 96$$

$$\text{इसलिए, } C \text{ द्वारा कुल हारे गए गेम} = 96 \times \frac{5}{4} = 120$$

	जीत	हार
A	120	160
B	50	80
C	96	120

S96. Ans.(b)

$$\text{Sol. अभीष्ट अनुपात} = 120 : 120 = 1:1$$

S97. Ans.(a)

$$\text{Sol. अभीष्ट प्रतिशत} = \frac{80}{120} \times 100 = 66.67\%$$

S98. Ans.(e)

$$\text{Sol. अभीष्ट योग} = 160 + 80 = 240$$

S99. Ans.(a)

$$\text{Sol. D द्वारा हारे गए कुल गेम} = \frac{5}{4} \times 160 = 200$$

$$D \text{ द्वारा जीते गए कुल गेम} = \frac{96}{2} + 5 = 53$$

$$\text{अभीष्ट अंतर} = 200 - 53 = 147$$

S100. Ans.(d)

$$\text{Sol. अभीष्ट औसत} = \frac{120+50+120}{3} = 96.67$$