IBPS RRB PO Prelims 2026 Memory Based Paper PDF (Nov 21, 2026) (Shift 1)

Section 1: Reasoning Ability (Questions 1–40)

Directions (Q1–Q3): Study the following information carefully and answer the questions given below.

In a family of eight members—P, Q, R, S, T, U, V, and W—there are three generations and two married couples. No single parent has a child. P is the father of W and is the husband of Q. S is the daughter-in-law of Q, and R is the husband of S. W is the brother of T, who is the only daughter of P. U is the grandson of Q, and V is the niece of W.

Q1. How is U related to T?

1. Son
2. Nephew
3. Brother
4. Cousin

Correct Answer: 2. Nephew

Q2. How is S related to W?

1. Sister
2. Niece
3. Sister-in-law
4. Aunt

Correct Answer: 3. Sister-in-law

Q3. How many male members are there in the family?

1. 3
2. 4
3. 5
4. Cannot be determined

Correct Answer: 2. 4

Syllogism (Questions 4–7)

Directions (Q4–Q5): Read the following three statements carefully and decide which of the given conclusions logically follows from the given statements.

Statements:
Only a few Pens are Books.
All Books are Papers.
No Paper is a Diary.

Q4. Conclusions:
I. Some Pens are not Diaries.
II. All Pens being Books is a possibility.

1. Only conclusion I follows
2. Only conclusion II follows
3. Either conclusion I or II follows
4. Both conclusions I and II follow

Correct Answer: 1. Only conclusion I follows

Q5. Conclusions:
I. No Book is a Diary.
II. Some Papers are Pens.

1. Only conclusion I follows
2. Only conclusion II follows
3. Neither conclusion I nor II follows
4. Both conclusions I and II follow

Correct Answer: 4. Both conclusions I and II follow

Directions (Q6–Q7): Read the following three statements carefully and decide which of the given conclusions logically follows from the given statements.

Statements:
Some Apples are Mangoes.
Only a few Mangoes are Oranges.
All Oranges are Grapes.

Q6. Conclusions:
I. Some Mangoes are Grapes.
II. All Apples being Oranges is a possibility.

1. Only conclusion I follows
2. Only conclusion II follows
3. Neither conclusion I nor II follows
4. Both conclusions I and II follow

Correct Answer: 4. Both conclusions I and II follow

Q7. Conclusions:
I. Some Apples are Grapes.
II. No Apple is a Grape.

1. Only conclusion I follows
2. Only conclusion II follows
3. Either conclusion I or II follows
4. Neither conclusion I nor II follows

Correct Answer: 3. Either conclusion I or II follows

Directions (Q8–Q11): In each of the following questions, relationships between different elements are shown in the statements, followed by two conclusions. Find which conclusion(s) is/are definitely true.

Q8. Statement: $A > B \geq C = D < E \leq F$

Conclusions:

I. $A > D$

II. $F > C$

1. Only conclusion I is true
2. Only conclusion II is true
3. Neither conclusion I nor II is true
4. Both conclusions I and II are true

Correct Answer: 4. Both conclusions I and II are true

Q9. Statement: $P \leq Q < R = S \geq T > U$

Conclusions:

I. $S > P$

II. $Q \geq T$

1. Only conclusion I is true
2. Only conclusion II is true
3. Either conclusion I or II is true
4. Both conclusions I and II are true

Correct Answer: 1. Only conclusion I is true

Q10. Statements: $M \geq N > O = P;\ Q \leq P < R$

Conclusions:

I. $N > Q$

II. $R > M$

1. Only conclusion I is true
2. Only conclusion II is true
3. Neither conclusion I nor II is true
4. Both conclusions I and II are true

Correct Answer: 1. Only conclusion I is true

Q11. Statements: $K < L \leq M = N;\ N \geq O > P$

Conclusions:

I. $L < O$

II. $L \geq O$

1. Only conclusion I is true
2. Only conclusion II is true
3. Either conclusion I or II is true
4. Neither conclusion I nor II is true

Correct Answer: 3. Either conclusion I or II is true

Directions (Q12–Q16): Study the following information carefully and answer the questions given below.

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'banking exam is easy'      is coded as  'kp tr mn zx'
'prepare well for exam'     is coded as  'qs dv fj tr'
'is success easy today'     is coded as  'mn hy zx bl'
'prepare for banking success' is coded as  'qs fj kp hy'
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Q12. What is the code for the word **'success'**?

1. kp
2. hy
3. bl
4. dv

Correct Answer: 2. hy

Q13. Which word is coded as **'dv'**?

1. prepare
2. for
3. well
4. today

Correct Answer: 3. well

Q14. What is the code for **'banking today'**?

1. kp bl
2. kp hy
3. tr bl
4. mn bl

Correct Answer: 1. kp bl

Q15. If **'hard work'** is coded as **'wg np'**, then what will be the code for **'exam hard'**?

1. tr np
2. tr wg
3. kp wg
4. hy np

Correct Answer: 2. tr wg

Q16. Which of the following may be the code for **'prepare is easy'**?

1. qs mn zx
2. qs fj mn
3. tr mn zx
4. dv mn zx

Correct Answer: 1. qs mn zx

Q17. How many such pairs of letters are there in the word **'BANKING'**, each of which has as many letters between them in the word (in both forward and backward directions) as they have between them in the English alphabetical series?

1. One
2. Two
3. Three
4. More than three

Correct Answer: 2. Two

Q18. If it is possible to make only one meaningful 4-letter English word using the 3rd, 5th, 7th, and 8th letters from the left end of the word **'KNOWLEDGE'**, then which of the following will be the 2nd letter from the left end of that newly formed word? If no such word can be formed, mark 'X' as your answer, and if more than one such word can be formed, mark 'Y' as your answer.

1. O
2. L
3. X
4. Y

Correct Answer: 1. O

Q19. In the given number 73948256, if 1 is added to each even digit and 2 is subtracted from each odd digit, then how many digits appear more than once in the newly formed number?

1. One
2. Two
3. Three
4. Four

Correct Answer: 3. Three

Directions (Q20–Q24): Study the following information carefully and answer the questions given below.

Six persons—A, B, C, D, E, and F—attend a seminar in six different non-consecutive months of the same year: February, April, June, August, October, and December. Each of them likes a different city among Pune, Jaipur, Delhi, Mumbai, Chennai, and Kolkata (not necessarily in the same order).

A attends the seminar in a month having 30 days and likes Delhi. Only two persons attend the seminar between A and the one who likes Kolkata. More than two persons attend the seminar before F, who likes Mumbai. F attends the seminar immediately before the one who likes Chennai. C attends the seminar before E, who likes Jaipur. D does not like Chennai.

Q20. Who attends the seminar in February?

1. C
2. E
3. B
4. D

Correct Answer: 1. C

Q21. Which city does B like?

1. Pune
2. Jaipur
3. Chennai
4. Kolkata

Correct Answer: 3. Chennai

Q22. How many persons attend the seminar between C and the one who likes Mumbai?

1. One
2. Two
3. Three
4. Four

Correct Answer: 2. Two

Q23. Which of the following combinations of Person – Month – City is correct?

1. E – April – Pune
2. F – August – Mumbai
3. B – October – Kolkata
4. D – December – Chennai

Correct Answer: 2. F – August – Mumbai

Q24. Who attends the seminar immediately after the one who likes Jaipur?

1. C
2. A
3. F
4. B

Correct Answer: 2. A

Directions (Q25–Q29): Study the following information carefully and answer the questions given below.

Ten persons—A, B, C, D, E, P, Q, R, S, and T—live in a five-storey building where the ground floor is numbered 1 and the topmost floor is numbered 5. Each floor has two flats: Flat 1 (West) and Flat 2 (East). Flat 1 of Floor 2 is immediately above Flat 1 of Floor 1 and immediately below Flat 1 of Floor 3, and similarly for Flat 2.

Q lives on an odd-numbered floor in Flat 2, but not on the topmost floor. There are two floors between Q and S, who lives below Q. S lives in the same flat number as Q. A lives immediately to the west of Q. There is one floor between A and C, and both live in the same flat number, with C living below A. B lives on the topmost floor in Flat 1. D lives immediately above A in the same flat. E lives immediately above C. R lives immediately to the east of D. P lives above T.

Q25. Who lives on Floor 4 in Flat 2?

1. P
2. R
3. Q
4. T

Correct Answer: 2. R

Q26. Who lives immediately to the west of T?

1. A
2. C
3. D
4. E

Correct Answer: 4. E

Q27. How many floors are there between P and S?

1. One
2. Two
3. Three
4. Four

Correct Answer: 3. Three

Q28. Which of the following statements is true regarding B?

1. B lives on Floor 4
2. B lives to the west of P
3. B lives immediately above A
4. B lives in Flat 2

Correct Answer: 2. B lives to the west of P

Q29. On which floor and flat does C live?

1. Floor 1, Flat 1
2. Floor 1, Flat 2
3. Floor 2, Flat 1
4. Floor 2, Flat 2

Correct Answer: 1. Floor 1, Flat 1

Directions (Q30–Q34): Study the following information carefully and answer the questions given below.

Eight boxes—J, K, L, M, N, O, P, and Q—are kept one above another in a stack, not necessarily in the same order.

Only three boxes are kept between P and O, where O is kept below P. Only two boxes are kept between P and J. Box M is kept immediately above Box P. Only two boxes are kept below Box O. Box K is kept immediately above Box Q, and Box Q is kept immediately above Box J. Box L is kept above Box N.

Q30. Which box is kept at the topmost position?

1. M
2. P
3. K
4. L

Correct Answer: 1. M

Q31. How many boxes are kept between K and L?

1. One
2. Two
3. Three
4. Four

Correct Answer: 3. Three

Q32. Which box is kept immediately below Q?

1. K
2. J
3. O
4. L

Correct Answer: 2. J

Q33. If all the boxes are arranged in alphabetical order from top to bottom, how many boxes will remain in their original positions?

1. None
2. One
3. Two
4. Three

Correct Answer: 2. One

Q34. Which of the following boxes is kept at the bottommost position?

1. L
2. O
3. N
4. J

Correct Answer: 3. N

Directions (Q35–Q39): Study the following information carefully and answer the questions given below.

Eight persons—A, B, C, D, E, F, G, and H—are sitting in a straight horizontal row. Four of them face North and four face South.

A sits fourth from the left end of the row and faces North. Only two persons sit between A and C. C does not sit at any extreme end of the row and faces the same direction as A. F sits immediately to the right of C and faces the opposite direction of C. Only two persons sit between F and D. D faces North, and both immediate neighbours of D face opposite directions to each other. H sits second to the right of F. B sits second to the left of A and faces the same direction as D. G sits immediately to the right of B.

Q35. Who sits at the left end of the row?

1. E
2. B
3. F
4. G

Correct Answer: 1. E

Q36. Who sits third to the right of H?

1. B
2. G
3. E
4. C

Correct Answer: 2. G

Q37. How many persons sit between E and H?

1. Two
2. Three
3. Four
4. Five

Correct Answer: 3. Four

Q38. Three of the following four are alike in a certain way based on their facing directions and thus form a group. Which one does NOT belong to that group?

1. E
2. G
3. C
4. H

Correct Answer: 3. C

Q39. What is the position of D with respect to C?

1. Second to the left
2. Second to the right
3. Third to the left
4. Immediate left

Correct Answer: 1. Second to the left

Q40. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

1. ACEG
2. MOQS
3. HJLM
4. PRTV

Correct Answer: 3. HJLM

Section 2: Quantitative Aptitude (Questions 41–80)

Q41. What should come in place of the question mark (?) in the following number series?
12, 17, 26, 41, ?, 97

1. 62
2. 64
3. 66
4. 68

Correct Answer: 2. 64

Q42. What should come in place of the question mark (?) in the following number series?
15, 19, 28, 53, 102, ?

1. 202
2. 213
3. 223
4. 233

Correct Answer: 3. 223

Q43. What should come in place of the question mark (?) in the following number series?
2, 5, 14, 57, ?, 1705

1. 284
2. 286
3. 285
4. 280

Correct Answer: 1. 284

Q44. What should come in place of the question mark (?) in the following number series?
$19,\ 31,\ 55,\ 91,\ ?,\ 199$

1. 137
2. 139
3. 141
4. 143

Correct Answer: 2. 139

Q45. What should come in place of the question mark (?) in the following number series?
$52,\ 66,\ 45,\ 73,\ ?,\ 80$

1. 36
2. 38
3. 40
4. 42

Correct Answer: 2. 38

Q46. What should come in place of the question mark (?) in the following number series?
$32,\ 16,\ 16,\ 24,\ 48,\ ?$

1. 96
2. 108
3. 120
4. 144

Correct Answer: 3. 120

Directions (Q47–Q52): What approximate value should come in place of the question mark (?) in the following questions? (You are not expected to calculate the exact value.)

Q47. 24.98% of $479.89 + 39.92\%$ of $349.95 = ?$

1. 240
2. 250
3. 260
4. 280

Correct Answer: 3. 260

Q48. $\sqrt{728.95} \times 15.04 + 19.96^2 = ? + 219.89$

1. 565
2. 575
3. 585
4. 595

Correct Answer: 3. 585

Q49. $(1199.92 \div 23.98) \times 14.03 - 18.95^2 = ?$

1. 329
2. 339
3. 349
4. 359

Correct Answer: 2. 339

Q50. $14.02^2 + \sqrt[3]{2743.95} \times 12.02 = ? \times 7.01$

1. 48
2. 52
3. 56
4. 64

Correct Answer: 2. 52

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Q51. $\frac{624.98}{25.02} + \frac{440.96}{21.03} + 18.98 \times 5.01 = ?$

1. 131
2. 141
3. 151
4. 161

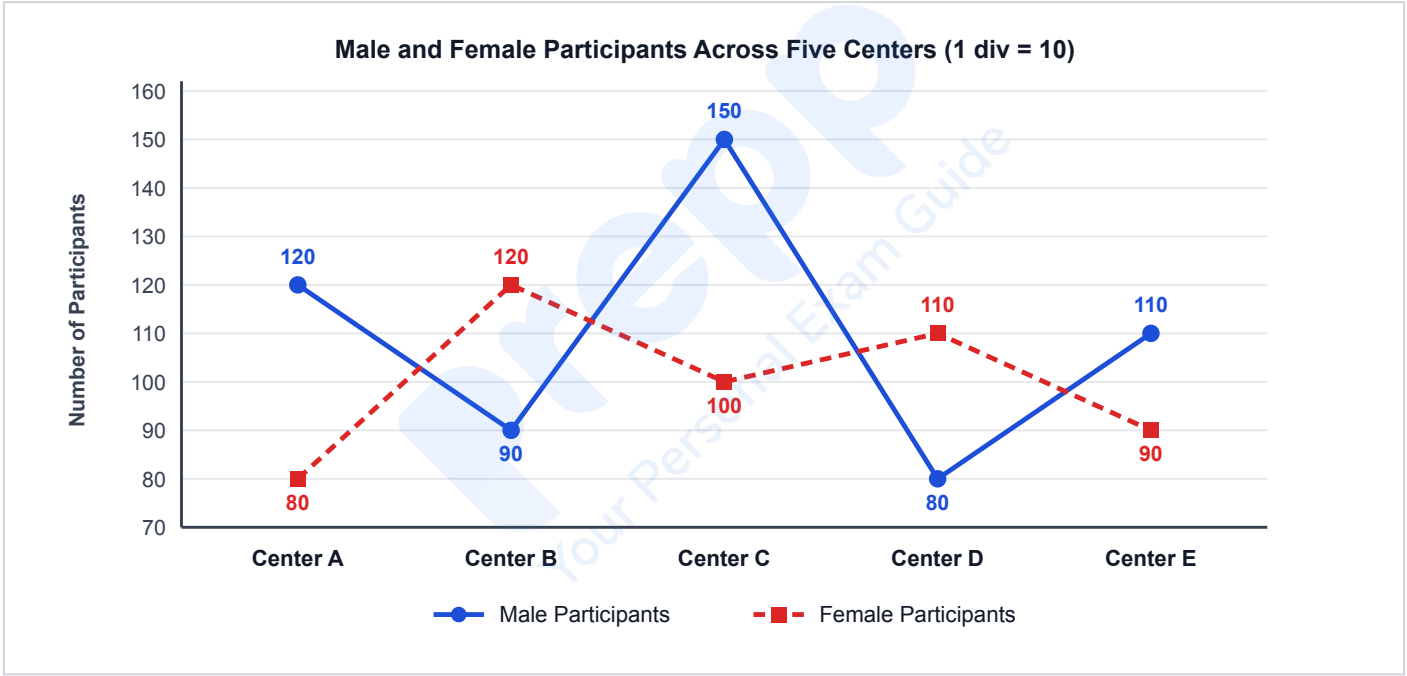
Correct Answer: 2. 141

Q52. 37.52% of $640.08 + 16.67\%$ of $539.96 = ?^2 - 30.98$

1. 17
2. 18
3. 19
4. 21

Correct Answer: 3. 19

Directions (Q53–Q58): Study the following double line graph carefully and answer the questions given below. The graph represents the number of Male and Female participants attending a seminar across five centers: A, B, C, D, and E (Scale: 1 division = 10 units*).*



Q53. Find the ratio of the total number of male participants in centers A and C together to the total number of female participants in centers B and D together.

1. 27 : 23
2. 23 : 27
3. 25 : 21
4. 29 : 23

Correct Answer: 1. 27 : 23

Q54. The number of female participants in center C is what percent more or less than the number of male participants in center D?

1. 20% more
2. 25% more
3. 20% less
4. 25% less

Correct Answer: 2. 25% more

Q55. Find the difference between the average number of male participants and the average number of female participants across all five centers.

1. 8
2. 10
3. 12
4. 15

Correct Answer: 2. 10

Q56. If in another center F, the number of male participants is 20% more than that in center C, and the number of female participants is 10% less than that in center B, then find the total number of participants in center F.

1. 278
2. 284
3. 288
4. 296

Correct Answer: 3. 288

Q57. In center E, 40% of the male participants and $\frac{1}{3}$ of the female participants are graduates. Find the total number of non-graduate participants in center E.

1. 118
2. 122
3. 126
4. 132

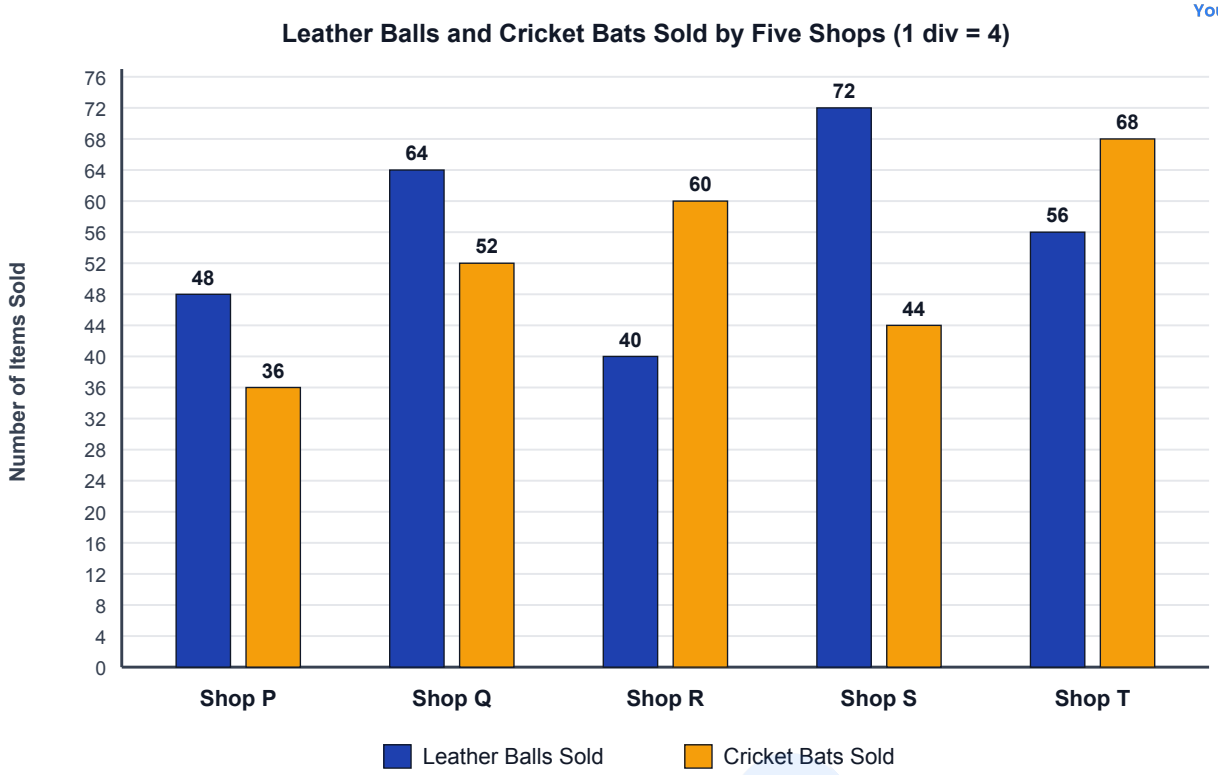
Correct Answer: 3. 126

Q58. The total number of participants (male + female) in centers C and E together is what percent of the total number of female participants across all five centers?

1. 80%
2. 85%
3. 90%
4. 95%

Correct Answer: 3. 90%

Directions (Q59–Q64): Study the following double bar graph carefully and answer the questions given below. The graph shows the number of Leather Balls and Cricket Bats sold by five sports shops P, Q, R, S, and T in a month (Scale: 1 division = 4 units*).*



Q59. Find the difference between the total number of leather balls sold by shops Q and S together and the total number of cricket bats sold by shops P and R together.

1. 36
2. 40
3. 44
4. 48

Correct Answer: 2. 40

Q60. The number of leather balls sold by shop P is what percent less than the number of cricket bats sold by shop R?

1. 15%
2. 20%
3. 25%
4. 30%

Correct Answer: 2. 20%

Q61. Find the average number of cricket bats sold by all five shops together.

1. 48
2. 52
3. 54
4. 56

Correct Answer: 2. 52

Q62. If the selling price of each leather ball is ₹250 and that of each cricket bat is ₹800, find the total revenue earned by shop P from selling all leather balls and cricket bats.

1. ₹38, 400
2. ₹39, 600
3. ₹40, 800
4. ₹42, 000

Correct Answer: 3. ₹40, 800

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Q63. In shop T, 25% of the leather balls sold were defective, while $\frac{3}{4}$ of the cricket bats sold were purchased by local clubs. Find the ratio of non-defective leather balls sold to the cricket bats NOT purchased by local clubs in shop T.

1. $42 : 17$
2. $14 : 17$
3. $21 : 17$
4. $42 : 19$

Correct Answer: 1. $42 : 17$

Q64. Find the ratio of the total number of items (leather balls + cricket bats) sold by shop Q to that sold by shop T.

1. $27 : 31$
2. $29 : 31$
3. $29 : 33$
4. $31 : 29$

Correct Answer: 2. $29 : 31$

Directions (Q65–Q68): Read the following information carefully and answer the questions given below.

In a survey of 300 students in a college, each student likes at least one of the three sports: Cricket, Football, and Badminton. 50% of the total students like Cricket. The number of students who like all three sports is 20. The number of students who like both Cricket and Football but not Badminton is 50% more than the number of students who like all three sports. The number of students who like only Cricket is 85. The number of students who like only Badminton is 4 times the number of students who like both Cricket and Badminton but not Football. The total number of students who like Badminton is 120.

Q65. How many students like only Football?

1. 55
2. 60
3. 65
4. 70

Correct Answer: 3. 65

Q66. Find the number of students who like at least two of the three sports.

1. 70
2. 80
3. 90
4. 110

Correct Answer: 3. 90

Q67. Find the ratio of the number of students who like both Football and Badminton (including all three) to the number of students who like only Cricket and Badminton.

1. $2 : 1$
2. $3 : 1$
3. $5 : 3$
4. $9 : 4$

Correct Answer: 2. $3 : 1$

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Q68. The total number of students who like Cricket is what percent more than the total number of students who like Badminton?

1. 20%
2. 25%
3. 30%
4. 35%

Correct Answer: 2. 25%

Representative IBPS RRB PO Prelims arithmetic questions included to complete the 40-question Quantitative Aptitude section.

Q69. In an election between two candidates, 10% of the registered voters did not cast their votes, and 150 votes were declared invalid. The winning candidate secured 55% of the valid votes and won by a margin of 300 votes. Find the total number of registered voters.

1. 3200
2. 3400
3. 3500
4. 3600

Correct Answer: 3. 3500

Q70. A shopkeeper marks an article 40% above its cost price and allows a discount of 20% on the marked price. If he earns a profit of ₹144, find the cost price of the article.

1. ₹$1,000$
2. ₹$1,100$
3. ₹$1,200$
4. ₹$1,400$

Correct Answer: 3. ₹$1,200$

Q71. Five years ago, the ratio of the ages of A and B was $3:4$. Five years hence, the ratio of their ages will be $5:6$. Find the present age of B.

1. 20 years
2. 25 years
3. 30 years
4. 35 years

Correct Answer: 2. 25 years

Q72. A and B started a business by investing ₹$12,000$ and ₹$16,000$ respectively. After 4 months, A invested ₹$4,000$ more while B withdrew ₹$4,000$. At the end of the year, the total profit earned was ₹$25,200$. Find A's share in the profit.

1. ₹$12,000$
2. ₹$13,200$
3. ₹$14,000$
4. ₹$14,400$

Correct Answer: 2. ₹$13,200$

Q73. The difference between the compound interest (compounded annually) and simple interest on a certain sum of money at 10% per annum for 2 years is ₹125. Find the compound interest on the same sum at the same rate for 2 years.

1. ₹$2,500$
2. ₹$2,625$
3. ₹$2,750$
4. ₹$2,875$

Correct Answer: 2. ₹$2,625$

Q74. A can complete a piece of work in 12 days, and B can complete the same work in 18 days. They started working together, and after 4 days, A left the work. In how many days will B complete the remaining work alone?

1. 6 days
2. 8 days
3. 10 days
4. 12 days

Correct Answer: 2. 8 days

Q75. Pipe A can fill a tank in 20 minutes and Pipe B can fill it in 30 minutes, while Pipe C can empty the full tank in 15 minutes. If all three pipes are opened together, in how many minutes will the empty tank be completely filled?

1. 45 minutes
2. 50 minutes
3. 60 minutes
4. 75 minutes

Correct Answer: 3. 60 minutes

Q76. A train 240 m long crosses a pole in 12 seconds. How much time will it take to cross a platform 360 m long?

1. 24 seconds
2. 28 seconds
3. 30 seconds
4. 32 seconds

Correct Answer: 3. 30 seconds

Q77. The speed of a boat in still water is 15 km/h and the speed of the stream is 3 km/h. Find the total time taken by the boat to travel 72 km downstream and 48 km upstream.

1. 6 hours
2. 7 hours
3. 8 hours
4. 9 hours

Correct Answer: 3. 8 hours

Q78. A vessel contains 80 litres of a mixture of milk and water in the ratio $3 : 1$. How much water must be added to the mixture so that the ratio of milk to water becomes $3 : 2$?

1. 15 litres
2. 20 litres
3. 25 litres
4. 30 litres

Correct Answer: 2. 20 litres

Q79. The average weight of 24 students in a class is 45 kg. When the teacher's weight is included, the average weight increases by 1.5 kg. Find the weight of the teacher.

1. 80.5 kg
2. 81.5 kg
3. 82.5 kg
4. 84.0 kg

Correct Answer: 3. 82.5 kg

Q80. The length of a rectangle is 6 cm more than its breadth, and its perimeter is 68 cm. Find the area of a square whose side is equal to the breadth of the rectangle.

1. 169 cm^2
2. 196 cm^2
3. 225 cm^2
4. 256 cm^2

Correct Answer: 2. 196 cm^2