IBPS RRB PO 2025 Prelims Memory Based Paper PDF

Q1. Who is the tallest among Pooja, Ritu, Rahul, Rohit and Simran?
I. Rahul is taller than Pooja and Rohit but shorter than Ritu.
II. Simran is the tallest of all five.

(a) Only statement II alone is sufficient
(b) Either statement I or II alone is sufficient
(c) Only statement I alone is sufficient
(d) Neither statement I nor II is sufficient
(e) Both statements I and II together are necessary

Q2. Is the number x an even number?
I. x is completely divisible by 16.
II. x is completely divisible by 6.

(a) Only statement I alone is sufficient
(b) Both statements I and II together are necessary
(c) Either statement I or II alone is sufficient
(d) Neither statement I nor II is sufficient
(e) Only statement II alone is sufficient

Q3. I. $x^2 - 64 = 0$ II. $y^2 + 18y + 80 = 0$. On solving both equations, find the relation between x and y.

(a) $x \leq y$
(b) $x = y$ or relationship cannot be established
(c) $x \geq y$
(d) $x < y$
(e) $x > y$

Q4. What is the code for 'sun' in a certain code language?
I. 'sun is bright' is written as 'K W C'.
II. 'storm is bright' is written as 'B W C'.

(a) Both statements I and II together are necessary
(b) Only statement I alone is sufficient
(c) Neither statement I nor II is sufficient
(d) Only statement II alone is sufficient
(e) Either statement I or II alone is sufficient

Q5. Kavita introduced Rahul as the son of the only brother of Kavita's mother. How is Rahul related to Kavita?

(a) Nephew
(b) Uncle
(c) Cousin
(d) Brother
(e) Son

Q6. Who is the tallest among Vikas, Isha, Neha, Deepak and Anita?
I. Neha is taller than Vikas and Deepak but shorter than Isha.
II. Anita is the tallest of all five.

(a) Both statements I and II together are necessary
(b) Neither statement I nor II is sufficient
(c) Either statement I or II alone is sufficient
(d) Only statement II alone is sufficient
(e) Only statement I alone is sufficient

Q7. Statement: C < H < B = F
Conclusions: I. C > B II. H > F

(a) Only conclusion I follows
(b) Neither I nor II follows
(c) Both conclusions I and II follow
(d) Only conclusion II follows
(e) Either I or II follows

Q8-Q12. Study the table below showing the number of employees (in hundreds) working in five companies A, B, C, D, E during the years 2016-2020 and answer the questions that follow.

Company A: 2016-240, 2017-840, 2018-240, 2019-430, 2020-660
Company B: 2016-440, 2017-430, 2018-730, 2019-610, 2020-280
Company C: 2016-810, 2017-220, 2018-870, 2019-660, 2020-540
Company D: 2016-280, 2017-700, 2018-650, 2019-650, 2020-360
Company E: 2016-880, 2017-850, 2018-330, 2019-440, 2020-260

Q8. What is the total number of employees (in hundreds) in Company B over all five years?

(a) 2490
(b) 2407
(c) None of these
(d) 2300
(e) 2410

Q9. What is the difference between the number of employees in Company B and Company C in 2017?

(a) None of these
(b) 197
(c) 184
(d) 237
(e) 210

Q10. Find the average number of employees (in hundreds) across all five companies in 2017.

(a) 703.06
(b) 608
(c) 706.18
(d) 569.66
(e) None of these

Q11. What is the percentage change in the number of employees of Company B from 2017 to 2020?

(a) -34.88
(b) -38.06
(c) None of these
(d) -38.69
(e) -44.40

Q12. What is the total number of employees (in hundreds) in Company E in 2017 and Company C in 2020 together?

(a) 1390
(b) 1595
(c) 1222

(d) 1507
(e) None of these

Q13. I. $x^2 + 11x + 24 = 0$ II. $y^2 - 2y - 24 = 0$. On solving both equations, find the relation between x and y.
(a) $x \leq y$
(b) $x \geq y$
(c) x = y or relationship cannot be established
(d) $x > y$
(e) $x < y$

Q14. $110 \times 4 \div 40 + \sqrt{225} - 75 \div 5 \approx ?$ (find the approximate value)
(a) 11
(b) 9.87
(c) 10.11
(d) None of these
(e) 10.34

Q15. In a certain code language, 'Neha works hard' is written as '1 3 5' and 'Sonia works daily' is written as '6 3 4'. What is the code for 'works' in this language?
(a) 1
(b) 3
(c) 5
(d) 6
(e) 4

Q16. $13 \times (3/7) + (8/9) \times 9 = ?$
(a) 12.52
(b) 15.31
(c) None of these
(d) 14.66
(e) 13.57

Q17-Q21. Six persons Deepak, Divya, Komal, Pooja, Rajesh, Sanjay sit around a circular table facing the centre, not necessarily in the same order. Sanjay sits second to the right of Divya. Deepak sits third to the left of Divya. Rajesh sits immediate right of Deepak. Pooja sits between Sanjay and Komal.

Q17. Who sits second to the right of Divya?
(a) Komal
(b) Deepak
(c) Pooja
(d) Sanjay
(e) Divya

Q18. Who sits immediate right of Deepak?
(a) Rajesh
(b) Sanjay
(c) Divya
(d) Pooja
(e) Deepak

Q19. Who sits between Sanjay and Komal?
(a) Deepak
(b) Divya

(c) Komal
(d) Pooja
(e) Rajesh

Q20. Who sits third to the left of Divya?
(a) Divya
(b) Rajesh
(c) Pooja
(d) Deepak
(e) Komal

Q21. How many persons are seated around the table?
(a) 7
(b) 8
(c) 6
(d) 4
(e) 5

Q22-Q26. The pie chart below shows the percentage distribution of 4800 students enrolled across six streams A, B, C, D, E, F. Study it and answer the questions that follow.

A: 24%, B: 8%, C: 17%, D: 23%, E: 7%, F: 21%

Q22. How many students are enrolled in stream F?
(a) 1048
(b) 941
(c) None of these
(d) 1054
(e) 1008

Q23. What is the difference between the number of students in stream D and stream F?
(a) 111
(b) 105
(c) 89
(d) None of these
(e) 96

Q24. What is the central angle (in degrees) representing stream B in the pie chart?
(a) 26.70
(b) 26.12
(c) 28.80
(d) 26.54
(e) None of these

Q25. What is the ratio of the number of students in stream F to stream A?
(a) 5:7
(b) 1:1
(c) None of these
(d) 7:9
(e) 7:8

Q26. How many students are NOT enrolled in stream C?
(a) 4498
(b) 3805
(c) 4261

(d) None of these
(e) 3984

Q27. A shopkeeper bought an article for ₹1500 and sold it at a profit of 15%. Find the selling price.
(a) 1874.32
(b) 1880.67
(c) None of these
(d) 1725
(e) 1859.72

Q28. Find the missing term: 19, 26, ?, 46, 59, 74
(a) None of these
(b) 35
(c) 42
(d) 40
(e) 38

Q29. 415 × 8 ÷ 85 + √225 − 225 ÷ 5 ≈ ? (find the approximate value)
(a) 8.28
(b) 9.66
(c) None of these
(d) 9.06
(e) 7.63

Q30. Find the missing term: 7, 14, 21, 28, ?, 42
(a) 37
(b) None of these
(c) 35
(d) 28
(e) 40

Q31. In a class of 39 students, Priya ranks 19th from the top. What is Priya's rank from the bottom?
(a) None of these
(b) 21
(c) 23
(d) 18
(e) 25

Q32. What is the code for 'storm' in a certain code language?
I. 'storm is bright' is written as 'T K I'.
II. 'river is bright' is written as 'P K I'.
(a) Only statement I alone is sufficient
(b) Neither statement I nor II is sufficient
(c) Only statement II alone is sufficient
(d) Either statement I or II alone is sufficient
(e) Both statements I and II together are necessary

Q33. (12^4) − (7^3) + 20 ÷ 4 = ?
(a) 19015.87
(b) 18772.29
(c) 19479.08
(d) None of these

(e) 20398

Q34. (5^2) − (8^3) + 30 ÷ 5 = ?

(a) -424.51
(b) None of these
(c) -447.53
(d) -481
(e) -445.22

Q35-Q39. Seven persons Ashok, Divya, Payal, Priya, Ritu, Sonia, Suresh sit in a row facing north, not necessarily in the same order. Ashok sits at the extreme left end. Sonia sits at the extreme right end. Priya sits exactly in the middle of the row. Ritu sits second from the left end. Divya sits to the immediate right of Ritu. Suresh sits second from the right end. Payal sits between Priya and Suresh.

Q35. Who sits third from the left end?

(a) Ashok
(b) Payal
(c) Ritu
(d) Suresh
(e) Divya

Q36. How many persons sit to the right of Priya?

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

Q37. Who sits immediate left of Priya?

(a) Suresh
(b) Divya
(c) Payal
(d) Sonia
(e) Ritu

Q38. Which of the following sits at the extreme right end of the row?

(a) Payal
(b) Priya
(c) Suresh
(d) Ritu
(e) Sonia

Q39. Who sits exactly between Priya and Suresh?

(a) Ritu
(b) Ashok
(c) Priya
(d) Payal
(e) Divya

Q40. Find the simple interest on ₹10500 at 8% per annum for 4 years.

(a) None of these
(b) 3360
(c) 3590.56
(d) 2781.35

(e) 2960.45

Q41. Statements: Some Cups are Doors. No Doors is Windows. All Windows are Chairs. Conclusions: I. No Cups is Windows. II. Some Cups are not Windows. III. Some Chairs are not Doors.

(a) Only I and III follow
(b) Only I and II follow
(c) All I, II and III follow
(d) None of the conclusions follow
(e) Only II and III follow

Q42. Study the following sequence carefully and answer the question given below:
G 8 U 8 2 G P S X * 8 Z 2
How many times does a symbol immediately follows a letter in the above sequence?

(a) None of these
(b) 3
(c) 0
(d) 2
(e) 1

Q43. I. $x^2 + 9x - 36 = 0$ II. $y^2 + 2y - 80 = 0$. On solving both equations, find the relation between x and y.

(a) $x \leq y$
(b) $x > y$
(c) $x < y$
(d) $x = y$ or relationship cannot be established
(e) $x \geq y$

Q44. Study the following sequence carefully and answer the question given below:
2 5 D 5 0 Z & H 8 $ 9 Z 9
How many times does a symbol immediately follows a letter in the above sequence?

(a) None of these
(b) 0
(c) 2
(d) 3
(e) 1

Q45. $140 \times 8 \div 75 + \sqrt{144} - 125 \div 5 \approx ?$ (find the approximate value)

(a) 1.93
(b) 1.62
(c) 2.33
(d) None of these
(e) 1.65

Q46. In a certain code language, 'Ashok works hard' is written as '2 9 8' and 'Sonia works daily' is written as '5 9 3'. What is the code for 'works' in this language?

(a) 3
(b) 2
(c) 8
(d) 9
(e) 5

Q47. A train covers 360 km at a speed of 40 km/hr. Find the time taken (in hours).

(a) 8.23

(b) None of these
(c) 8.30
(d) 9.68
(e) 9

Q48. I. $x^2 + 17x + 72 = 0$ II. $y^2 + 2y - 63 = 0$. On solving both equations, find the relation between x and y.

(a) $x \leq y$
(b) $x > y$
(c) $x < y$
(d) $x \geq y$
(e) $x = y$ or relationship cannot be established

Q49. Nisha walks 10 km towards North, then turns right and walks 5 km. He then turns right again and walks 10 km. In which direction is Nisha now with respect to his starting point?

(a) West
(b) East
(c) North
(d) South
(e) South-East

Q50. Rohit walks 6 km towards North, then turns right and walks 12 km. He then turns right again and walks 6 km. In which direction is Rohit now with respect to his starting point?

(a) South
(b) East
(c) North
(d) West
(e) South-East

Q51. Statement: $D < F = G > C$
Conclusions: I. $D > G$ II. $F < C$

(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Either I or II follows
(d) Both conclusions I and II follow
(e) Neither I nor II follows

Q52. A and B invest ₹23000 and ₹22000 respectively in a business for the same period. If the total profit at the end of the year is ₹16500, find A's share of the profit (in ₹).

(a) 8785.73
(b) 8433.33
(c) 7591.58
(d) None of these
(e) 9259.84

Q53. Statements: No Chairs is Doors. Some Doors are Cups. All Cups are Windows.
Conclusions: I. Some Cups are not Chairs. II. Some Windows are Doors. III. No Chairs is Windows.

(a) All I, II and III follow
(b) Only I and II follow
(c) Only II and III follow
(d) None of the conclusions follow

(e) Only I and III follow

Q54. In a certain code language, 'Ritu works hard' is written as '2 1 8' and 'Aman works daily' is written as '9 1 4'. What is the code for 'works' in this language?

(a) 9
(b) 2
(c) 4
(d) 1
(e) 8

Q55. In a class of 33 students, Naveen ranks 7th from the top. What is Naveen's rank from the bottom?

(a) 29
(b) 30
(c) 27
(d) None of these
(e) 31

Q56-Q60. Seven persons Anita, Deepak, Gaurav, Naveen, Nisha, Ritu, Tarun live on seven different floors of a building, numbered 1 to 7 from bottom to top (floor 1 being the lowest), not necessarily in the same order. Tarun lives on the lowest floor. Naveen lives on the topmost floor. Ritu lives exactly in the middle floor. Anita lives immediately above Tarun. Gaurav lives immediately above Anita. Nisha lives immediately below Naveen. Deepak lives exactly between Ritu and Nisha.

Q56. Who lives on the 3rd floor?

(a) Naveen
(b) Ritu
(c) Anita
(d) Deepak
(e) Gaurav

Q57. How many persons live above the floor of Ritu?

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

Q58. Who lives immediately below Ritu?

(a) Gaurav
(b) Tarun
(c) Anita
(d) Deepak
(e) Nisha

Q59. Who lives on the topmost floor?

(a) Naveen
(b) Anita
(c) Deepak
(d) Tarun
(e) Gaurav

Q60. Who lives exactly between the floors of Ritu and Nisha?

(a) Anita

(b) Naveen
(c) Deepak
(d) Tarun
(e) Gaurav

Q61. 235 × 7 ÷ 20 + √256 − 185 ÷ 5 ≈ ? (find the approximate value)
(a) 65.74
(b) 61.25
(c) 55.39
(d) None of these
(e) 68.60

Q62. Pooja walks 6 km towards North, then turns left and walks 7 km. He then turns left again and walks 6 km. In which direction is Pooja now with respect to his starting point?
(a) South-East
(b) West
(c) East
(d) North
(e) South

Q63. Find the missing term: 15, 19, ?, 33, 43, 55
(a) None of these
(b) 28
(c) 29
(d) 23
(e) 25

Q64. What is the area of a rectangle?
I. The length of the rectangle is 10 cm.
II. The perimeter of the rectangle is 34 cm.
(a) Neither statement I nor II is sufficient
(b) Both statements I and II together are necessary
(c) Only statement I alone is sufficient
(d) Only statement II alone is sufficient
(e) Either statement I or II alone is sufficient

Q65. Is the number x an even number?
I. x is completely divisible by 6.
II. x is completely divisible by 4.
(a) Neither statement I nor II is sufficient
(b) Only statement II alone is sufficient
(c) Only statement I alone is sufficient
(d) Both statements I and II together are necessary
(e) Either statement I or II alone is sufficient

Q66. In a class of 20 students, Priya ranks 6th from the top. What is Priya's rank from the bottom?
(a) None of these
(b) 15
(c) 12
(d) 13
(e) 14

Q67. Pointing to a photograph, Priya said, "Gaurav is the son of my father's only son." How is Gaurav related to Priya?

(a) Brother
(b) Cousin
(c) Son
(d) Father
(e) Nephew

Q68. Rahul said, "Gaurav's mother is the only daughter of my mother." How is Rahul related to Gaurav?

(a) Daughter
(b) Sister
(c) Aunt
(d) Mother
(e) Grandmother

Q69. What is the area of a rectangle?
I. The length of the rectangle is 9 cm.
II. The perimeter of the rectangle is 40 cm.

(a) Either statement I or II alone is sufficient
(b) Neither statement I nor II is sufficient
(c) Only statement I alone is sufficient
(d) Only statement II alone is sufficient
(e) Both statements I and II together are necessary

Q70. (10^2) − (3^2) + 35 ÷ 5 = ?

(a) None of these
(b) 103.13
(c) 88.70
(d) 98
(e) 103.45

Q71. Statement: H < F = D < C
Conclusions: I. H = D II. F < C

(a) Only conclusion I follows
(b) Neither I nor II follows
(c) Either I or II follows
(d) Both conclusions I and II follow
(e) Only conclusion II follows

Q72. Study the following sequence carefully and answer the question given below:
9 M 0 @ 1 @ 6 E 1 2 T Q B
How many times does a digit is immediately preceded by a letter and immediately followed by a symbol in the above sequence?

(a) 0
(b) None of these
(c) 1
(d) 2
(e) 3

Q73. I. $x^2 - 4x - 45 = 0$ II. $y^2 - 4y - 45 = 0$. On solving both equations, find the relation between x and y.

(a) $x < y$
(b) $x \leq y$

(c) x = y or relationship cannot be established
(d) x ≥ y
(e) x > y

Q74. Find the missing term: 17, 51, 153, ?, 1377, 4131
(a) 405
(b) 552
(c) 459
(d) 392
(e) None of these

Q75. Statements: No Pens is Chairs. Some Chairs are Windows. All Windows are Doors.
Conclusions: I. Some Windows are not Pens. II. Some Doors are Chairs. III. No Pens is Doors.
(a) Only I and III follow
(b) Only I and II follow
(c) Only II and III follow
(d) All I, II and III follow
(e) None of the conclusions follow

Q76-Q80. The bar graph below shows the number of units (in tens) of two products P and Q sold by a store over six months. Study it and answer the questions that follow.

Product P: Jan-145, Feb-235, Mar-55, Apr-185, May-225, Jun-60
Product Q: Jan-185, Feb-235, Mar-250, Apr-195, May-150, Jun-285

Q76. What is the total number of units (in tens) of products P and Q sold together in May?
(a) None of these
(b) 424
(c) 336
(d) 407
(e) 375

Q77. What is the difference in units sold between Product P and Product Q in Feb?
(a) 3
(b) 0
(c) None of these
(d) -3
(e) 4

Q78. Find the average monthly sale (in tens) of Product P over the six months.
(a) 150.83
(b) 136.70
(c) 133.12
(d) None of these
(e) 167.82

Q79. What is the total number of units (in tens) of Product Q sold over all six months?
(a) 1300
(b) 1430
(c) None of these
(d) 1198
(e) 1432

Q80. What is the ratio of units sold of Product P to Product Q in Mar?
(a) 11:50

(b) 12:49
(c) None of these
(d) 10:49
(e) 9:52

Your Personal Exam Guide