

IBPS RRB PO 2025 Prelims Memory Based Paper PDF

Q1. $[(19 \times 4) \div 9 - 7] \times 7 \div 7 + (4 - 9) = ?$

- (a) -3.56
- (b) -3.67
- (c) -3.93
- (d) -3.24
- (e) None of these

Q2. What is the area of a rectangle?

I. The length of the rectangle is 9 cm.

II. The perimeter of the rectangle is 36 cm.

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

Q3. I. $x^2 + 5x - 50 = 0$ II. $y^2 - 16y + 63 = 0$. On solving both equations, find the relation between x and y.

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

Q4. I. $x^2 + 6x + 5 = 0$ II. $y^2 - y - 132 = 0$. On solving both equations, find the relation between x and y.

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

Q5. Find the missing term: 16, 24, 40, ?, 64, 72

- (a) 41
- (b) None of these
- (c) 52
- (d) 48
- (e) 55

Q6. Statement: $H = C > D = B$

Conclusions: I. $H < D$ II. $C < B$

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

Q7. $255 \times 4 \div 50 + \sqrt{196} - 65 \div 5 \approx ?$ (find the approximate value)

- (a) 19.44
- (b) 21.40
- (c) 23.67

- (d) 17.46
- (e) None of these

Q8. Study the following sequence carefully and answer the question given below:

8 & & N 9 H H 0 7 0 A % *

How many times does a digit is immediately preceded by a letter and immediately followed by a symbol in the above sequence?

- (a) None of these
- (b) 1
- (c) 2
- (d) 0
- (e) 5

Q9. A shopkeeper bought an article for ₹440 and sold it at a profit of 15%. Find the selling price.

- (a) 560.79
- (b) 506
- (c) 463.66
- (d) 523.28
- (e) None of these

Q10. Who is the tallest among Komal, Arjun, Sanjay, Vivek and Payal?

I. Sanjay is taller than Komal and Vivek but shorter than Arjun.

II. Payal is the tallest of all five.

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

Q11. What is the code for 'storm' in a certain code language?

I. 'storm is bright' is written as 'S N B'.

II. 'rain is bright' is written as 'M N B'.

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

Q12. $260 \times 9 \div 80 + \sqrt{144} - 190 \div 2 \approx ?$ (find the approximate value)

- (a) -46.56
- (b) -60.73
- (c) -56.82
- (d) None of these
- (e) -53.75

Q13. Statements: All Bottles are Windows. All Windows are Chairs. No Chairs is Doors.

Conclusions: I. All Bottles are Chairs. II. No Bottles is Doors. III. Some Windows are not Doors.

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

Q14. Study the following sequence carefully and answer the question given below:

A * 4 V @ X 1 F 6 7 % 9 H

How many times does a letter is immediately preceded by a digit and immediately followed by a digit in the above sequence?

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

Q15. Find the compound interest on ₹11000 at 10% per annum for 2 years, compounded annually.

- (a) 2096.87
- (b) None of these
- (c) 2572.57
- (d) 2310
- (e) 2004.97

Q16. In a certain code language, 'Meena works hard' is written as '2 7 5' and 'Ritu works daily' is written as '6 7 8'. What is the code for 'works' in this language?

- (a) 8
- (b) 6
- (c) 7
- (d) 2
- (e) 5

Q17. Ashok walks 11 km towards North, then turns right and walks 13 km. He then turns right again and walks 11 km. In which direction is Ashok now with respect to his starting point?

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

Q18. What is the code for 'sun' in a certain code language?

I. 'sun is bright' is written as 'N P V'.

II. 'rain is bright' is written as 'S P V'.

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

Q19. In a class of 29 students, Rohit ranks 12th from the top. What is Rohit's rank from the bottom?

- (a) 20
- (b) 17
- (c) None of these
- (d) 21
- (e) 18

Q20. Is the number x an even number?

I. x is completely divisible by 20.

II. x is completely divisible by 14.

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

Q21. In a class of 37 students, Rajesh ranks 9th from the top. What is Rajesh's rank from the bottom?

- (a) 33
- (b) 31
- (c) None of these
- (d) 29
- (e) 35

Q22. A shopkeeper bought an article for ₹1220 and sold it at a profit of 25%. Find the selling price.

- (a) 1654.89
- (b) 1440.40
- (c) 1454.32
- (d) None of these
- (e) 1525

Q23. Statements: No Lamps is Doors. Some Doors are Chairs. All Chairs are Books.
Conclusions: I. Some Chairs are not Lamps. II. Some Books are Doors. III. No Lamps is Books.

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

Q24. $340 \times 4 \div 65 + \sqrt{144} - 120 \div 2 \approx ?$ (find the approximate value)

- (a) None of these
- (b) -24.63
- (c) -27.08
- (d) -32.33
- (e) -28.93

Q25. $[(35 \times 11) \div 5 - 7] \times 2 \div 22 + (11 - 5) = ?$

- (a) 11.17
- (b) 12.36
- (c) 13.58
- (d) None of these
- (e) 12.93

Q26. Rohit walks 15 km towards North, then turns left and walks 11 km. He then turns left again and walks 15 km. In which direction is Rohit now with respect to his starting point?

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

Q27. Find the missing term: 15, 45, 135, 405, ?, 3645

- (a) None of these
- (b) 1085
- (c) 1045
- (d) 1215
- (e) 1412

Q28. Statement: $F < A > G > D$

Conclusions: I. $F = G$ II. $A < D$

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

Q29. Find the missing term: 12, 17, ?, 33, 44, 57

- (a) 27
- (b) 24
- (c) 21
- (d) None of these
- (e) 26

Q30-Q34. Six persons Aman, Isha, Neha, Priya, Rahul, Rohit sit around a circular table facing the centre, not necessarily in the same order. Priya sits second to the right of Rohit. Rahul sits third to the left of Rohit. Aman sits immediate right of Rahul. Neha sits between Priya and Isha.

Q30. Who sits second to the right of Rohit?

- (a) Rohit
- (b) Priya
- (c) Neha
- (d) Rahul
- (e) Isha

Q31. Who sits immediate right of Rahul?

- (a) Isha
- (b) Rahul
- (c) Neha
- (d) Priya
- (e) Aman

Q32. Who sits between Priya and Isha?

- (a) Neha
- (b) Rahul
- (c) Priya
- (d) Rohit
- (e) Aman

Q33. Who sits third to the left of Rohit?

- (a) Neha
- (b) Priya
- (c) Aman
- (d) Rahul
- (e) Isha

Q34. How many persons are seated around the table?

- (a) 4
- (b) 8
- (c) 6
- (d) 7
- (e) 5

Q35. Two varieties of rice costing ₹22/kg and ₹76/kg are mixed in the ratio 5:2. Find the average cost of the mixture per kg (in ₹).

- (a) None of these
- (b) 37.43
- (c) 39.32
- (d) 39.73
- (e) 39.41

Q36. Study the following sequence carefully and answer the question given below:

6 R & 4 1 7 9 T @ % 2 W N

How many times does a letter is immediately preceded by a digit and immediately followed by a digit in the above sequence?

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

Q37. I. $x^2 + 11x - 12 = 0$ II. $y^2 - 11y + 10 = 0$. On solving both equations, find the relation between x and y.

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

Q38-Q42. 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: 2016-570, 2017-750, 2018-380, 2019-740, 2020-400

Company B: 2016-750, 2017-480, 2018-500, 2019-380, 2020-210

Company C: 2016-410, 2017-610, 2018-320, 2019-330, 2020-510

Company D: 2016-280, 2017-550, 2018-550, 2019-840, 2020-620

Company E: 2016-580, 2017-310, 2018-780, 2019-720, 2020-250

Q38. What is the total number of employees (in hundreds) in Company A over all five years?

- (a) 2724
- (b) 2840
- (c) None of these
- (d) 3063
- (e) 2763

Q39. What is the difference between the number of employees in Company A and Company D in 2020?

- (a) None of these

- (b) 252
- (c) 176
- (d) 206
- (e) 220

Q40. Find the average number of employees (in hundreds) across all five companies in 2020.

- (a) 398
- (b) 425.18
- (c) 336.93
- (d) None of these
- (e) 343.02

Q41. What is the percentage change in the number of employees of Company A from 2020 to 2017?

- (a) 58.83
- (b) 95.30
- (c) 70.97
- (d) None of these
- (e) 87.50

Q42. What is the total number of employees (in hundreds) in Company B in 2020 and Company D in 2017 together?

- (a) 870
- (b) 655
- (c) 760
- (d) 861
- (e) None of these

Q43. $445 \times 4 \div 50 + \sqrt{256} - 85 \div 2 \approx ?$ (find the approximate value)

- (a) 10.62
- (b) 10.58
- (c) 8.40
- (d) None of these
- (e) 9.10

Q44-Q48. Seven persons Anita, Divya, Komal, Nisha, Ritu, Vikas, Vivek 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. Vivek lives on the lowest floor. Divya lives on the topmost floor. Anita lives exactly in the middle floor. Ritu lives immediately above Vivek. Nisha lives immediately above Ritu. Komal lives immediately below Divya. Vikas lives exactly between Anita and Komal.

Q44. Who lives on the 3rd floor?

- (a) Anita
- (b) Divya
- (c) Nisha
- (d) Komal
- (e) Vivek

Q45. How many persons live above the floor of Anita?

- (a) 2
- (b) 3
- (c) 1

- (d) 4
- (e) 5

Q46. Who lives immediately below Anita?

- (a) Komal
- (b) Nisha
- (c) Ritu
- (d) Vikas
- (e) Vivek

Q47. Who lives on the topmost floor?

- (a) Komal
- (b) Vikas
- (c) Divya
- (d) Ritu
- (e) Nisha

Q48. Who lives exactly between the floors of Anita and Komal?

- (a) Vikas
- (b) Komal
- (c) Ritu
- (d) Nisha
- (e) Vivek

Q49. What is the code for 'sun' in a certain code language?

I. 'sun is bright' is written as 'P Q C'.

II. 'cloud is bright' is written as 'V Q C'.

- (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

Q50. $(3^4) - (5^3) + 14 \div 4 = ?$

- (a) None of these
- (b) -40.50
- (c) -42.40
- (d) -42.89
- (e) -35.52

Q51. Kiran said, "Rahul's mother is the only daughter of my mother." How is Kiran related to Rahul?

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

Q52. Pointing to a photograph, Simran said, "Sonia is the son of my father's only son." How is Sonia related to Simran?

- (a) Cousin
- (b) Nephew
- (c) Son
- (d) Father

(e) Brother

Q53. Kiran walks 6 km towards North, then turns left and walks 11 km. He then turns left again and walks 6 km. In which direction is Kiran now with respect to his starting point?

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

Q54-Q58. 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-90, Feb-130, Mar-225, Apr-250, May-285, Jun-280

Product Q: Jan-155, Feb-295, Mar-120, Apr-55, May-250, Jun-255

Q54. What is the total number of units (in tens) of products P and Q sold together in May?

- (a) None of these
- (b) 491
- (c) 568
- (d) 500
- (e) 535

Q55. What is the difference in units sold between Product P and Product Q in Mar?

- (a) 129
- (b) 105
- (c) 83
- (d) None of these
- (e) 94

Q56. Find the average monthly sale (in tens) of Product P over the six months.

- (a) None of these
- (b) 199.91
- (c) 238.61
- (d) 210
- (e) 193.16

Q57. What is the total number of units (in tens) of Product Q sold over all six months?

- (a) 1086
- (b) 1083
- (c) 1238
- (d) 1130
- (e) None of these

Q58. What is the ratio of units sold of Product P to Product Q in Apr?

- (a) None of these
- (b) 47:10
- (c) 47:11
- (d) 48:11
- (e) 50:11

Q59. In a certain code language, 'Anita works hard' is written as '2 8 5' and 'Divya works daily' is written as '9 8 6'. What is the code for 'works' in this language?

- (a) 9
- (b) 5

- (c) 2
- (d) 6
- (e) 8

Q60. Statements: No Lamps is Mirrors. Some Mirrors are Doors. All Doors are Cups.
Conclusions: I. Some Doors are not Lamps. II. Some Cups are Mirrors. III. No Lamps is Cups.

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

Q61. In a certain code language, 'Vivek works hard' is written as '2 5 7' and 'Ritu works daily' is written as '3 5 1'. What is the code for 'works' in this language?

- (a) 1
- (b) 3
- (c) 2
- (d) 5
- (e) 7

Q62. What is the area of a rectangle?

- I. The length of the rectangle is 19 cm.
- II. The perimeter of the rectangle is 50 cm.

- (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

Q63. Is the number x an even number?

- I. x is completely divisible by 6.
- II. x is completely divisible by 20.

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

Q64. $44 \times (2/6) + (4/7) \times 9 = ?$

- (a) 19.81
- (b) 20.62
- (c) 20.67
- (d) 17.66
- (e) None of these

Q65. Find the missing term: 4, 11, 20, ?, 44, 59

- (a) 31
- (b) 34
- (c) None of these
- (d) 26
- (e) 37

Q66. I. $x^2 + x - 6 = 0$ II. $y^2 + 16y + 63 = 0$. 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

Q67. Statement: $D < B > C = H$

Conclusions: I. $D > C$ II. $B > H$

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

Q68. In a class of 36 students, Nisha ranks 17th from the top. What is Nisha's rank from the bottom?

- (a) 22
- (b) 17
- (c) None of these
- (d) 18
- (e) 20

Q69-Q73. The pie chart below shows the percentage distribution of 2500 students enrolled across six streams A, B, C, D, E, F. Study it and answer the questions that follow.

A: 15%, B: 18%, C: 23%, D: 20%, E: 11%, F: 13%

Q69. How many students are enrolled in stream D?

- (a) None of these
- (b) 460
- (c) 500
- (d) 533
- (e) 452

Q70. What is the difference between the number of students in stream D and stream B?

- (a) 43
- (b) 47
- (c) 50
- (d) 57
- (e) None of these

Q71. What is the central angle (in degrees) representing stream E in the pie chart?

- (a) 37.73
- (b) 42.14
- (c) None of these
- (d) 39.60
- (e) 43.12

Q72. What is the ratio of the number of students in stream E to stream C?

- (a) 13:21
- (b) 11:21
- (c) None of these
- (d) 11:23
- (e) 11:24

Q73. How many students are NOT enrolled in stream E?

- (a) None of these
- (b) 1992
- (c) 2034
- (d) 2464
- (e) 2225

Q74-Q78. Seven persons Aman, Arjun, Deepak, Divya, Nisha, Sanjay, Suresh sit in a row facing north, not necessarily in the same order. Suresh sits at the extreme left end. Divya sits at the extreme right end. Deepak sits exactly in the middle of the row. Sanjay sits second from the left end. Nisha sits to the immediate right of Sanjay. Arjun sits second from the right end. Aman sits between Deepak and Arjun.

Q74. Who sits third from the left end?

- (a) Deepak
- (b) Sanjay
- (c) Arjun
- (d) Nisha
- (e) Aman

Q75. How many persons sit to the right of Deepak?

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

Q76. Who sits immediate left of Deepak?

- (a) Suresh
- (b) Sanjay
- (c) Arjun
- (d) Nisha
- (e) Deepak

Q77. Which of the following sits at the extreme right end of the row?

- (a) Deepak
- (b) Divya
- (c) Sanjay
- (d) Nisha
- (e) Aman

Q78. Who sits exactly between Deepak and Arjun?

- (a) Aman
- (b) Nisha
- (c) Divya
- (d) Arjun
- (e) Deepak

Q79. I. $x^2 + 17x + 70 = 0$ II. $y^2 + 17y + 70 = 0$. On solving both equations, find the relation between x and y.

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

(e) $x \leq y$

Q80. Pointing to a photograph, Rahul said, "Gaurav is the son of my father's only son."
How is Gaurav related to Rahul?

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