

IBPS RRB PO 2018 Prelims Memory Based Paper PDF

Q1-Q5. Seven persons Deepak, Kiran, Payal, Rajesh, Ritu, Rohit, Simran 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. Simran lives on the lowest floor. Rajesh lives on the topmost floor. Rohit lives exactly in the middle floor. Kiran lives immediately above Simran. Payal lives immediately above Kiran. Deepak lives immediately below Rajesh. Ritu lives exactly between Rohit and Deepak.

Q1. Who lives on the 3rd floor?

- (a) Ritu
- (b) Simran
- (c) Rohit
- (d) Rajesh
- (e) Payal

Q2. How many persons live above the floor of Rohit?

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

Q3. Who lives immediately below Rohit?

- (a) Kiran
- (b) Rajesh
- (c) Ritu
- (d) Payal
- (e) Rohit

Q4. Who lives on the topmost floor?

- (a) Simran
- (b) Payal
- (c) Ritu
- (d) Rajesh
- (e) Deepak

Q5. Who lives exactly between the floors of Rohit and Deepak?

- (a) Rajesh
- (b) Ritu
- (c) Rohit
- (d) Kiran
- (e) Deepak

Q6. $380 \times 9 \div 50 + \sqrt{196} - 130 \div 2 \approx ?$ (find the approximate value)

- (a) 20.19
- (b) 20.64
- (c) None of these
- (d) 14.08
- (e) 17.40

Q7. Who is the tallest among Ashok, Vivek, Gaurav, Rohit and Tarun?

- I. Gaurav is taller than Ashok and Rohit but shorter than Vivek.
- II. Tarun is the tallest of all five.

- (a) Only statement I alone is sufficient
- (b) Only statement II 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

Q8. Priya said, "Rajesh's mother is the only daughter of my mother." How is Priya related to Rajesh?

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

Q9. Study the following sequence carefully and answer the question given below:

& % 3 8 8 @ A P B N 8 \$ V

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

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

Q10. Who is the tallest among Kavita, Divya, Rajesh, Kiran and Aman?

I. Rajesh is taller than Kavita and Kiran but shorter than Divya.

II. Aman is the tallest of all five.

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

Q11-Q15. 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: 2016-660, 2017-720, 2018-520, 2019-270, 2020-780

Company B: 2016-750, 2017-410, 2018-780, 2019-780, 2020-530

Company C: 2016-590, 2017-620, 2018-360, 2019-890, 2020-660

Company D: 2016-260, 2017-710, 2018-870, 2019-640, 2020-320

Company E: 2016-780, 2017-620, 2018-250, 2019-210, 2020-370

Q11. What is the total number of employees (in hundreds) in Company B over all five years?

- (a) 3250
- (b) 3343
- (c) None of these
- (d) 2914
- (e) 3098

Q12. What is the difference between the number of employees in Company B and Company C in 2016?

- (a) 171

- (b) None of these
- (c) 160
- (d) 147
- (e) 152

Q13. Find the average number of employees (in hundreds) across all five companies in 2016.

- (a) 506.62
- (b) 570.98
- (c) None of these
- (d) 608
- (e) 514.70

Q14. What is the percentage change in the number of employees of Company B from 2016 to 2020?

- (a) -24.57
- (b) -26.95
- (c) None of these
- (d) -20.21
- (e) -29.33

Q15. What is the total number of employees (in hundreds) in Company E in 2016 and Company C in 2020 together?

- (a) 1314
- (b) 1440
- (c) 1622
- (d) None of these
- (e) 1571

Q16. Statements: No Pens is Lamps. Some Lamps are Tables. All Tables are Doors.
Conclusions: I. Some Tables are not Pens. II. Some Doors are Lamps. III. No Pens is Doors.

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

Q17. Statements: No Books is Cups. Some Cups are Windows. All Windows are Chairs.
Conclusions: I. Some Windows are not Books. II. Some Chairs are Cups. III. No Books is Chairs.

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

Q18. Study the following sequence carefully and answer the question given below:
7 5 N B 7 L H M 2 1 1 W 4

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

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

(e) 4

Q19. In a class of 21 students, Naveen ranks 6th from the top. What is Naveen's rank from the bottom?

- (a) 13
- (b) 16
- (c) 15
- (d) 19
- (e) None of these

Q20. Statement: $B = F > H < A$

Conclusions: I. $B = H$ II. $F > A$

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

Q21. Find the missing term: 7, 14, ?, 56, 112, 224

- (a) 23
- (b) 32
- (c) 28
- (d) None of these
- (e) 22

Q22-Q26. Six persons Deepak, Komal, Meena, Rohit, Suresh, Vivek sit around a circular table facing the centre, not necessarily in the same order. Komal sits second to the right of Vivek. Meena sits third to the left of Vivek. Suresh sits immediate right of Meena. Rohit sits between Komal and Deepak.

Q22. Who sits second to the right of Vivek?

- (a) Vivek
- (b) Suresh
- (c) Komal
- (d) Deepak
- (e) Meena

Q23. Who sits immediate right of Meena?

- (a) Deepak
- (b) Meena
- (c) Rohit
- (d) Komal
- (e) Suresh

Q24. Who sits between Komal and Deepak?

- (a) Rohit
- (b) Suresh
- (c) Komal
- (d) Meena
- (e) Vivek

Q25. Who sits third to the left of Vivek?

- (a) Meena
- (b) Komal
- (c) Vivek

- (d) Suresh
- (e) Deepak

Q26. How many persons are seated around the table?

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

Q27. Study the following sequence carefully and answer the question given below:

Z % 4 Y 7 P P W H W 5 4

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

- (a) 1
- (b) 2
- (c) 4
- (d) None of these
- (e) 0

Q28. Find the missing term: 11, 22, ?, 88, 176, 352

- (a) 38
- (b) None of these
- (c) 39
- (d) 44
- (e) 40

Q29. What is the code for 'rain' in a certain code language?

I. 'rain is bright' is written as 'U G Y'.

II. 'star is bright' is written as 'O G Y'.

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

Q30. Payal walks 14 km towards North, then turns left and walks 9 km. He then turns left again and walks 14 km. In which direction is Payal now with respect to his starting point?

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

Q31. In a certain code language, 'Kavita works hard' is written as '5 8 1' and 'Payal works daily' is written as '4 8 6'. What is the code for 'works' in this language?

- (a) 6
- (b) 4
- (c) 8
- (d) 1
- (e) 5

Q32. Gaurav introduced Anita as the son of the only brother of Gaurav's mother. How is Anita related to Gaurav?

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

Q33. I. $x^2 + 20x + 96 = 0$ II. $y^2 - 12y + 32 = 0$. On solving both equations, find the relation between x and y .

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

Q34. $135 \times 3 \div 70 + \sqrt{256} - 240 \div 5 \approx ?$ (find the approximate value)

- (a) -26.21
- (b) -29.20
- (c) -31.41
- (d) -21.12
- (e) None of these

Q35. In a class of 33 students, Suresh ranks 5th from the top. What is Suresh's rank from the bottom?

- (a) 25
- (b) 32
- (c) 29
- (d) None of these
- (e) 26

Q36. I. $x^2 + 15x + 36 = 0$ II. $y^2 + 8y + 0 = 0$. On solving both equations, find the relation between x and y .

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

Q37. Statement: $H = E > B = D$

Conclusions: I. $H = B$ II. $E = D$

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

Q38. I. $x^2 + 9x + 0 = 0$ II. $y^2 + 10y + 0 = 0$. On solving both equations, find the relation between x and y .

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

Q39. What is the area of a rectangle?

I. The length of the rectangle is 19 cm.

II. The perimeter of the rectangle is 52 cm.

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

Q40. Kiran walks 5 km towards North, then turns right and walks 12 km. He then turns right again and walks 5 km. In which direction is Kiran now with respect to his starting point?

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

Q41. In a class of 37 students, Deepak ranks 16th from the top. What is Deepak's rank from the bottom?

- (a) 27
- (b) 25
- (c) 24
- (d) 22
- (e) None of these

Q42. What is the area of a rectangle?

I. The length of the rectangle is 10 cm.

II. The perimeter of the rectangle is 30 cm.

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

Q43. What is the area of a rectangle?

I. The length of the rectangle is 16 cm.

II. The perimeter of the rectangle is 42 cm.

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

Q44. Find the missing term: 13, 15, 30, ?, 47, 49

- (a) 35
- (b) 38
- (c) 29
- (d) None of these
- (e) 32

Q45. Two numbers are in the ratio 2:4 and their sum is 144. Find the larger number.

- (a) 86.18
- (b) 107.04

- (c) None of these
- (d) 96
- (e) 100.22

Q46. A shopkeeper bought an article for ₹1540 and sold it at a profit of 20%. Find the selling price.

- (a) 1671.91
- (b) None of these
- (c) 1785.41
- (d) 1959.16
- (e) 1848

Q47. What is the area of a rectangle?

- I. The length of the rectangle is 17 cm.
- II. The perimeter of the rectangle is 50 cm.

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

Q48. Statements: Some Lamps are Bottles. No Bottles is Tables. All Tables are Mirrors.

Conclusions: I. No Lamps is Tables. II. Some Lamps are not Tables. III. Some Mirrors are not Bottles.

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

Q49. $27 \times (3/7) + (6/3) \times 9 = ?$

- (a) 29.57
- (b) 31.85
- (c) None of these
- (d) 31.53
- (e) 31.90

Q50-Q54. Seven persons Aman, Anita, Ashok, Meena, Rahul, Sonia, Suresh sit in a row facing north, not necessarily in the same order. Suresh sits at the extreme left end. Sonia sits at the extreme right end. Anita sits exactly in the middle of the row. Aman sits second from the left end. Rahul sits to the immediate right of Aman. Ashok sits second from the right end. Meena sits between Anita and Ashok.

Q50. Who sits third from the left end?

- (a) Meena
- (b) Aman
- (c) Anita
- (d) Rahul
- (e) Suresh

Q51. How many persons sit to the right of Anita?

- (a) 1
- (b) 5
- (c) 3

- (d) 4
- (e) 2

Q52. Who sits immediate left of Anita?

- (a) Rahul
- (b) Aman
- (c) Ashok
- (d) Meena
- (e) Anita

Q53. Which of the following sits at the extreme right end of the row?

- (a) Ashok
- (b) Sonia
- (c) Suresh
- (d) Rahul
- (e) Anita

Q54. Who sits exactly between Anita and Ashok?

- (a) Rahul
- (b) Meena
- (c) Anita
- (d) Sonia
- (e) Aman

Q55. $425 \times 8 \div 20 + \sqrt{256} - 70 \div 2 \approx ?$ (find the approximate value)

- (a) None of these
- (b) 151
- (c) 166.19
- (d) 122.98
- (e) 174.83

Q56. Find the missing term: 14, 28, 56, ?, 224, 448

- (a) 112
- (b) None of these
- (c) 102
- (d) 97
- (e) 124

Q57. $43 \times (6/9) + (3/3) \times 7 = ?$

- (a) None of these
- (b) 37.32
- (c) 35.67
- (d) 38.55
- (e) 33.55

Q58. I. $x^2 + 10x + 9 = 0$ II. $y^2 + y - 56 = 0$. On solving both equations, find the relation between x and y.

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

Q59. I. $x^2 + 14x + 24 = 0$ II. $y^2 - 11y + 24 = 0$. On solving both equations, find the relation between x and y.

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

Q60. Statement: $D > E < G > A$

Conclusions: I. $D < G$ II. $E > A$

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

Q61. In a certain code language, 'Tarun works hard' is written as '1 5 7' and 'Ritu works daily' is written as '8 5 3'. What is the code for 'works' in this language?

- (a) 7
- (b) 8
- (c) 5
- (d) 3
- (e) 1

Q62. $(9^3) - (7^2) + 31 \div 4 = ?$

- (a) None of these
- (b) 625.82
- (c) 759.84
- (d) 687.75
- (e) 635.21

Q63. $[(23 \times 10) \div 5 - 14] \times 6 \div 20 + (10 - 5) = ?$

- (a) 13.86
- (b) 15.68
- (c) 13.69
- (d) 14.60
- (e) None of these

Q64. Pointing to a photograph, Priya said, "Meena is the son of my father's only son." How is Meena related to Priya?

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

Q65. A and B invest ₹27000 and ₹13000 respectively in a business for the same period. If the total profit at the end of the year is ₹14000, find A's share of the profit (in ₹).

- (a) 8710.15
- (b) 8911.77
- (c) 9450
- (d) None of these
- (e) 10326.04

Q66-Q70. 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-235, Feb-235, Mar-185, Apr-55, May-170, Jun-130

Product Q: Jan-180, Feb-115, Mar-295, Apr-200, May-270, Jun-205

Q66. What is the total number of units (in tens) of products P and Q sold together in Mar?

- (a) 434
- (b) None of these
- (c) 496
- (d) 480
- (e) 436

Q67. What is the difference in units sold between Product P and Product Q in Feb?

- (a) 120
- (b) 130
- (c) 108
- (d) 96
- (e) None of these

Q68. Find the average monthly sale (in tens) of Product P over the six months.

- (a) 153.18
- (b) None of these
- (c) 146.35
- (d) 168.33
- (e) 178.58

Q69. What is the total number of units (in tens) of Product Q sold over all six months?

- (a) 1228
- (b) 1265
- (c) None of these
- (d) 1130
- (e) 1315

Q70. What is the ratio of units sold of Product P to Product Q in Jun?

- (a) None of these
- (b) 29:40
- (c) 13:20
- (d) 26:43
- (e) 26:41

Q71. $370 \times 6 \div 80 + \sqrt{256} - 155 \div 5 \approx ?$ (find the approximate value)

- (a) 10.74
- (b) 11.74
- (c) None of these
- (d) 12.75
- (e) 10.77

Q72. In a certain code language, 'Pooja works hard' is written as '3 5 2' and 'Kavita works daily' is written as '1 5 8'. What is the code for 'works' in this language?

- (a) 3
- (b) 8
- (c) 1
- (d) 5
- (e) 2

Q73. The speed of a boat in still water is 11 km/hr and the speed of the current is 5 km/hr. Find the time taken to cover 40 km downstream (in hours).

- (a) 2.20
- (b) 2.77
- (c) 2.50
- (d) None of these
- (e) 2.80

Q74. Who is the tallest among Ashok, Kavita, Priya, Isha and Sanjay?

I. Priya is taller than Ashok and Isha but shorter than Kavita.

II. Sanjay is the tallest of all five.

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

Q75-Q79. The pie chart below shows the percentage distribution of 7100 students enrolled across six streams A, B, C, D, E, F. Study it and answer the questions that follow.

A: 20%, B: 14%, C: 19%, D: 19%, E: 9%, F: 19%

Q75. How many students are enrolled in stream C?

- (a) 1418
- (b) None of these
- (c) 1429
- (d) 1209
- (e) 1349

Q76. What is the difference between the number of students in stream C and stream D?

- (a) None of these
- (b) 0
- (c) 4
- (d) -1
- (e) -4

Q77. What is the central angle (in degrees) representing stream F in the pie chart?

- (a) None of these
- (b) 66.30
- (c) 72.51
- (d) 65.54
- (e) 68.40

Q78. What is the ratio of the number of students in stream B to stream C?

- (a) 7:10
- (b) 16:19
- (c) None of these
- (d) 3:5
- (e) 14:19

Q79. How many students are NOT enrolled in stream E?

- (a) 7209
- (b) None of these
- (c) 6748

- (d) 6461
- (e) 6662

Q80. Suresh walks 7 km towards North, then turns left and walks 13 km. He then turns left again and walks 7 km. In which direction is Suresh now with respect to his starting point?

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