

IBPS RRB PO 2025 Prelims Memory Based Paper PDF

Q1-Q5. Six persons Divya, Komal, Neha, Rohit, Simran, Vivek sit around a circular table facing the centre, not necessarily in the same order. Rohit sits second to the right of Neha. Divya sits third to the left of Neha. Simran sits immediate right of Divya. Komal sits between Rohit and Vivek.

Q1. Who sits second to the right of Neha?

- (a) Divya
- (b) Rohit
- (c) Neha
- (d) Vivek
- (e) Komal

Q2. Who sits immediate right of Divya?

- (a) Neha
- (b) Rohit
- (c) Vivek
- (d) Simran
- (e) Komal

Q3. Who sits between Rohit and Vivek?

- (a) Simran
- (b) Komal
- (c) Divya
- (d) Neha
- (e) Vivek

Q4. Who sits third to the left of Neha?

- (a) Rohit
- (b) Divya
- (c) Vivek
- (d) Simran
- (e) Komal

Q5. How many persons are seated around the table?

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

Q6. Divya said, "Simran's mother is the only daughter of my mother." How is Divya related to Simran?

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

Q7. Is the number x an even number?

I. x is completely divisible by 18.

II. x is completely divisible by 4.

- (a) Only statement I alone is sufficient

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

Q8. Find the missing term: 12, 20, ?, 42, 56, 72

- (a) None of these
- (b) 24
- (c) 32
- (d) 36
- (e) 30

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

3 H B W F 4 % 9 X 4 2 9 P

How many times does a symbol immediately follows a letter in the above sequence?

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

Q10. In a certain code language, 'Arjun works hard' is written as '5 1 3' and 'Ashok works daily' is written as '4 1 6'. What is the code for 'works' in this language?

- (a) 4
- (b) 1
- (c) 6
- (d) 3
- (e) 5

Q11. $14 \times (5/3) + (6/6) \times 20 = ?$

- (a) None of these
- (b) 41.72
- (c) 39.65
- (d) 43.33
- (e) 45.87

Q12. Statements: No Doors is Books. Some Books are Pens. All Pens are Lamps.

Conclusions: I. Some Pens are not Doors. II. Some Lamps are Books. III. No Doors is Lamps.

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

Q13. Find the missing term: 13, 22, ?, 40, 49, 58

- (a) 24
- (b) 31
- (c) None of these
- (d) 36
- (e) 29

Q14. Ritu introduced Divya as the son of the only brother of Ritu's mother. How is Divya related to Ritu?

- (a) Son

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

Q15-Q19. 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-120, Feb-140, Mar-265, Apr-240, May-130, Jun-80

Product Q: Jan-255, Feb-225, Mar-70, Apr-130, May-150, Jun-175

Q15. What is the total number of units (in tens) of products P and Q sold together in Jan?

- (a) None of these
- (b) 363
- (c) 360
- (d) 375
- (e) 389

Q16. What is the difference in units sold between Product P and Product Q in Apr?

- (a) 91
- (b) 143
- (c) 110
- (d) None of these
- (e) 83

Q17. Find the average monthly sale (in tens) of Product P over the six months.

- (a) 162.50
- (b) None of these
- (c) 181.45
- (d) 178.94
- (e) 180.29

Q18. What is the total number of units (in tens) of Product Q sold over all six months?

- (a) 898
- (b) 1093
- (c) 1005
- (d) None of these
- (e) 933

Q19. What is the ratio of units sold of Product P to Product Q in May?

- (a) 14:13
- (b) 1:1
- (c) 15:16
- (d) None of these
- (e) 13:15

Q20. I. $x^2 - 12x + 0 = 0$ II. $y^2 - 1 = 0$. 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) $x > y$

Q21. $215 \times 8 \div 25 + \sqrt{225} - 105 \div 2 \approx ?$ (find the approximate value)

- (a) 26.31
- (b) 26.91
- (c) 35.67
- (d) None of these
- (e) 31.30

Q22. $190 \times 5 \div 45 + \sqrt{169} - 200 \div 5 \approx ?$ (find the approximate value)

- (a) -6.27
- (b) -5.89
- (c) None of these
- (d) -5.30
- (e) -7.05

Q23. What is the area of a rectangle?

- I. The length of the rectangle is 12 cm.
- II. The perimeter of the rectangle is 36 cm.

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

Q24. I. $x^2 + 7x + 0 = 0$ II. $y^2 - 11y + 24 = 0$. On solving both equations, find the relation between x and y.

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

Q25. Statement: $C > D < E > G$

Conclusions: I. $C = E$ II. $D < G$

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

Q26. Two varieties of rice costing ₹24/kg and ₹70/kg are mixed in the ratio 5:3. Find the average cost of the mixture per kg (in ₹).

- (a) 36.20
- (b) None of these
- (c) 41.25
- (d) 37.53
- (e) 39.95

Q27. Two varieties of rice costing ₹52/kg and ₹104/kg are mixed in the ratio 3:4. Find the average cost of the mixture per kg (in ₹).

- (a) None of these
- (b) 81.71
- (c) 73.35
- (d) 89.95
- (e) 85.55

Q28. What is the code for 'cloud' in a certain code language?

I. 'cloud is bright' is written as 'D A B'.

II. 'sun is bright' is written as 'Y A B'.

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

Q29. I. $x^2 - 2x + 0 = 0$ II. $y^2 - 22y + 120 = 0$. 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) $x \geq y$
- (e) $x > y$

Q30. A train covers 350 km at a speed of 40 km/hr. Find the time taken (in hours).

- (a) 9.70
- (b) None of these
- (c) 7.89
- (d) 8.75
- (e) 8.44

Q31. Study the following sequence carefully and answer the question given below:

4 & 3 # Q X 4 G Z N A 8 &

How many times does a symbol immediately follows a letter in the above sequence?

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

Q32-Q36. The pie chart below shows the percentage distribution of 3700 students enrolled across six streams A, B, C, D, E, F. Study it and answer the questions that follow.

A: 12%, B: 26%, C: 19%, D: 9%, E: 18%, F: 16%

Q32. How many students are enrolled in stream B?

- (a) 913
- (b) None of these
- (c) 962
- (d) 875
- (e) 992

Q33. What is the difference between the number of students in stream B and stream E?

- (a) None of these
- (b) 238
- (c) 296
- (d) 333
- (e) 346

Q34. What is the central angle (in degrees) representing stream A in the pie chart?

- (a) 43.20

- (b) 46.87
- (c) None of these
- (d) 40.83
- (e) 41.07

Q35. What is the ratio of the number of students in stream D to stream C?

- (a) None of these
- (b) 10:17
- (c) 5:9
- (d) 9:19
- (e) 8:19

Q36. How many students are NOT enrolled in stream D?

- (a) None of these
- (b) 3084
- (c) 3032
- (d) 3367
- (e) 3621

Q37. In a class of 22 students, Vikas ranks 7th from the top. What is Vikas's rank from the bottom?

- (a) 14
- (b) None of these
- (c) 16
- (d) 19
- (e) 18

Q38. In a certain code language, 'Rajesh works hard' is written as '8 5 9' and 'Nisha works daily' is written as '1 5 7'. What is the code for 'works' in this language?

- (a) 8
- (b) 7
- (c) 1
- (d) 9
- (e) 5

Q39. Find the missing term: 18, 22, 28, 36, ?, 58

- (a) 46
- (b) None of these
- (c) 40
- (d) 37
- (e) 43

Q40. In a class of 30 students, Payal ranks 15th from the top. What is Payal's rank from the bottom?

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

Q41. $120 \times 7 \div 80 + \sqrt{256} - 230 \div 2 \approx ?$ (find the approximate value)

- (a) None of these
- (b) -93.26
- (c) -98.78

- (d) -88.50
- (e) -97.55

Q42. Sonia walks 9 km towards North, then turns left and walks 10 km. He then turns left again and walks 9 km. In which direction is Sonia now with respect to his starting point?

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

Q43. Find the missing term: 20, 26, 41, 47, ?, 68

- (a) None of these
- (b) 54
- (c) 62
- (d) 52
- (e) 74

Q44-Q48. 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: 2016-680, 2017-530, 2018-860, 2019-610, 2020-510

Company B: 2016-530, 2017-500, 2018-410, 2019-270, 2020-890

Company C: 2016-360, 2017-230, 2018-320, 2019-790, 2020-370

Company D: 2016-660, 2017-430, 2018-310, 2019-670, 2020-320

Company E: 2016-580, 2017-230, 2018-540, 2019-380, 2020-380

Q44. What is the total number of employees (in hundreds) in Company C over all five years?

- (a) 2171
- (b) None of these
- (c) 2070
- (d) 1897
- (e) 2288

Q45. What is the difference between the number of employees in Company C and Company D in 2019?

- (a) 136
- (b) 110
- (c) 99
- (d) None of these
- (e) 120

Q46. Find the average number of employees (in hundreds) across all five companies in 2019.

- (a) 544
- (b) None of these
- (c) 637.43
- (d) 504.73
- (e) 509.98

Q47. What is the percentage change in the number of employees of Company C from 2019 to 2017?

- (a) None of these
- (b) -81.78
- (c) -88.26
- (d) -70.89
- (e) -58.72

Q48. What is the total number of employees (in hundreds) in Company A in 2019 and Company D in 2017 together?

- (a) 1141
- (b) 1200
- (c) None of these
- (d) 962
- (e) 1040

Q49. Statement: $D = C > H = G$

Conclusions: I. $D > H$ II. $C < G$

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

Q50-Q54. Seven persons Arjun, Kiran, Manoj, Naveen, Payal, Simran, Tarun sit in a row facing north, not necessarily in the same order. Tarun sits at the extreme left end. Payal sits at the extreme right end. Kiran sits exactly in the middle of the row. Manoj sits second from the left end. Simran sits to the immediate right of Manoj. Arjun sits second from the right end. Naveen sits between Kiran and Arjun.

Q50. Who sits third from the left end?

- (a) Kiran
- (b) Tarun
- (c) Payal
- (d) Simran
- (e) Naveen

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

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

Q52. Who sits immediate left of Kiran?

- (a) Manoj
- (b) Arjun
- (c) Simran
- (d) Tarun
- (e) Naveen

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

- (a) Naveen
- (b) Tarun
- (c) Manoj
- (d) Arjun

(e) Payal

Q54. Who sits exactly between Kiran and Arjun?

- (a) Simran
- (b) Manoj
- (c) Naveen
- (d) Arjun
- (e) Kiran

Q55. Statement: $B < C = G = F$

Conclusions: I. $B = G$ II. $C = F$

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

Q56. What is the code for 'cloud' in a certain code language?

I. 'cloud is bright' is written as 'W X S'.

II. 'sky is bright' is written as 'M X S'.

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

Q57-Q61. Seven persons Gaurav, Manoj, Nisha, Sanjay, Simran, Suresh, 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. Gaurav lives on the lowest floor. Vivek lives on the topmost floor. Manoj lives exactly in the middle floor. Sanjay lives immediately above Gaurav. Suresh lives immediately above Sanjay. Nisha lives immediately below Vivek. Simran lives exactly between Manoj and Nisha.

Q57. Who lives on the 3rd floor?

- (a) Simran
- (b) Manoj
- (c) Suresh
- (d) Gaurav
- (e) Sanjay

Q58. How many persons live above the floor of Manoj?

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

Q59. Who lives immediately below Manoj?

- (a) Manoj
- (b) Simran
- (c) Nisha
- (d) Suresh
- (e) Sanjay

Q60. Who lives on the topmost floor?

- (a) Simran
- (b) Vivek
- (c) Manoj
- (d) Suresh
- (e) Sanjay

Q61. Who lives exactly between the floors of Manoj and Nisha?

- (a) Simran
- (b) Vivek
- (c) Nisha
- (d) Suresh
- (e) Gaurav

Q62. In a certain code language, 'Divya works hard' is written as '3 2 4' and 'Vikas works daily' is written as '7 2 8'. What is the code for 'works' in this language?

- (a) 7
- (b) 8
- (c) 2
- (d) 3
- (e) 4

Q63. I. $x^2 - 7x - 30 = 0$ II. $y^2 - 8y - 48 = 0$. On solving both equations, find the relation between x and y.

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

Q64. Study the following sequence carefully and answer the question given below:

X 0 4 7 9 G 6 3 K M * 6 K

How many times does a symbol immediately follows a letter in the above sequence?

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

Q65. $56 \times (5/6) + (2/3) \times 17 = ?$

- (a) 60.47
- (b) 63.53
- (c) 58
- (d) None of these
- (e) 52.34

Q66. Statements: All Chairs are Books. All Books are Mirrors. No Mirrors is Cups.

Conclusions: I. All Chairs are Mirrors. II. No Chairs is Cups. III. Some Books are not Cups.

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

Q67. Statements: No Bottles is Chairs. Some Chairs are Books. All Books are Tables.
Conclusions: I. Some Books are not Bottles. II. Some Tables are Chairs. III. No Bottles is Tables.

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

Q68. $130 \times 4 \div 35 + \sqrt{256} - 170 \div 2 \approx ?$ (find the approximate value)

- (a) -59
- (b) -47.91
- (c) -43.65
- (d) -54.14
- (e) None of these

Q69. In a class of 25 students, Kiran ranks 7th from the top. What is Kiran's rank from the bottom?

- (a) 19
- (b) 16
- (c) 22
- (d) None of these
- (e) 20

Q70. What is the code for 'sun' in a certain code language?

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

II. 'star is bright' is written as 'A P Z'.

- (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) Neither statement I nor II is sufficient
- (e) Only statement II alone is sufficient

Q71. What is the code for 'sky' in a certain code language?

I. 'sky is bright' is written as 'G J H'.

II. 'star is bright' is written as 'F J H'.

- (a) Either statement I or II alone 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) Neither statement I nor II is sufficient

Q72. What is the area of a rectangle?

I. The length of the rectangle is 16 cm.

II. The perimeter of the rectangle is 44 cm.

- (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

Q73. Kavita walks 15 km towards North, then turns left and walks 9 km. He then turns left again and walks 15 km. In which direction is Kavita now with respect to his starting point?

- (a) West

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

Q74. Is the number x an even number?

I. x is completely divisible by 14.

II. x is completely divisible by 18.

- (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 I alone is sufficient
- (e) Only statement II alone is sufficient

Q75. $58 \times (2/5) + (4/7) \times 12 = ?$

- (a) 26.26
- (b) 28.02
- (c) 31.23
- (d) 30.06
- (e) None of these

Q76. Pooja walks 12 km towards North, then turns left and walks 6 km. He then turns left again and walks 12 km. In which direction is Pooja now with respect to his starting point?

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

Q77. Pointing to a photograph, Arjun said, "Kavita is the son of my father's only son." How is Kavita related to Arjun?

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

Q78. I. $x^2 + 21x + 108 = 0$ II. $y^2 - 3y - 10 = 0$. On solving both equations, find the relation between x and y .

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

Q79. Find the compound interest on ₹25000 at 15% per annum for 2 years, compounded annually.

- (a) 7198.93
- (b) None of these
- (c) 7410.83
- (d) 8766.01
- (e) 8062.50

Q80. $25 \times (2/9) + (5/8) \times 13 = ?$

- (a) 12.47
- (b) 13.17
- (c) 13.68
- (d) None of these
- (e) 15

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