

IBPS RRB PO 2019 Prelims Memory Based Paper PDF

Q1. Statements: No Doors is Windows. Some Windows are Bottles. All Bottles are Pens.
Conclusions: I. Some Bottles are not Doors. II. Some Pens are Windows. III. No Doors is Pens.

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

Q2. What is the area of a rectangle?

- I. The length of the rectangle is 13 cm.
- II. The perimeter of the rectangle is 38 cm.

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

Q3. $195 \times 3 \div 45 + \sqrt{196} - 95 \div 5 \approx ?$ (find the approximate value)

- (a) None of these
- (b) 8
- (c) 8.95
- (d) 9.12
- (e) 9.04

Q4. Find the missing term: 3, 11, 21, ?, 47, 63

- (a) 33
- (b) None of these
- (c) 27
- (d) 38
- (e) 35

Q5. In a certain code language, 'Rohit works hard' is written as '6 5 4' and 'Rahul works daily' is written as '9 5 2'. What is the code for 'works' in this language?

- (a) 4
- (b) 2
- (c) 9
- (d) 6
- (e) 5

Q6. A and B invest ₹13000 and ₹27000 respectively in a business for the same period. If the total profit at the end of the year is ₹9500, find A's share of the profit (in ₹).

- (a) None of these
- (b) 2831.09
- (c) 3087.50
- (d) 2727.11
- (e) 3309.08

Q7. Statement: $C = H = B > D$

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

- (a) Either I or II follows

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

Q8. Who is the tallest among Isha, Arjun, Priya, Rahul and Ritu?

I. Priya is taller than Isha and Rahul but shorter than Arjun.

II. Ritu is the tallest of all five.

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

Q9-Q13. Six persons Aman, Kavita, Kiran, Rahul, Suresh, Vikas sit around a circular table facing the centre, not necessarily in the same order. Kavita sits second to the right of Suresh. Kiran sits third to the left of Suresh. Vikas sits immediate right of Kiran. Aman sits between Kavita and Rahul.

Q9. Who sits second to the right of Suresh?

- (a) Vikas
- (b) Kavita
- (c) Rahul
- (d) Suresh
- (e) Kiran

Q10. Who sits immediate right of Kiran?

- (a) Rahul
- (b) Vikas
- (c) Aman
- (d) Kavita
- (e) Suresh

Q11. Who sits between Kavita and Rahul?

- (a) Kavita
- (b) Suresh
- (c) Aman
- (d) Rahul
- (e) Kiran

Q12. Who sits third to the left of Suresh?

- (a) Kavita
- (b) Vikas
- (c) Rahul
- (d) Kiran
- (e) Aman

Q13. How many persons are seated around the table?

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

Q14. Is the number x an even number?

I. x is completely divisible by 16.

II. x is completely divisible by 6.

- (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

Q15. $34 \times (8/2) + (5/5) \times 10 = ?$

- (a) 156.24
- (b) 146
- (c) 134.37
- (d) None of these
- (e) 155.52

Q16. Statements: No Windows is Tables. Some Tables are Lamps. All Lamps are Cups.

Conclusions: I. Some Lamps are not Windows. II. Some Cups are Tables. III. No Windows is Cups.

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

Q17. I. $x^2 - 2x - 120 = 0$ II. $y^2 - 2y - 120 = 0$. On solving both equations, find the relation between x and y .

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

Q18-Q22. Seven persons Anita, Arjun, Rahul, Ritu, Rohit, Sanjay, Simran sit in a row facing north, not necessarily in the same order. Anita sits at the extreme left end. Ritu sits at the extreme right end. Sanjay sits exactly in the middle of the row. Arjun sits second from the left end. Simran sits to the immediate right of Arjun. Rohit sits second from the right end. Rahul sits between Sanjay and Rohit.

Q18. Who sits third from the left end?

- (a) Arjun
- (b) Rohit
- (c) Simran
- (d) Sanjay
- (e) Rahul

Q19. How many persons sit to the right of Sanjay?

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

Q20. Who sits immediate left of Sanjay?

- (a) Rahul
- (b) Arjun
- (c) Ritu
- (d) Anita
- (e) Simran

Q21. Which of the following sits at the extreme right end of the row?

- (a) Ritu
- (b) Rohit
- (c) Sanjay
- (d) Arjun
- (e) Anita

Q22. Who sits exactly between Sanjay and Rohit?

- (a) Rohit
- (b) Simran
- (c) Arjun
- (d) Anita
- (e) Rahul

Q23. In a class of 35 students, Aman ranks 11th from the top. What is Aman's rank from the bottom?

- (a) 25
- (b) None of these
- (c) 21
- (d) 30
- (e) 29

Q24. In a class of 36 students, Deepak ranks 26th from the top. What is Deepak's rank from the bottom?

- (a) 10
- (b) None of these
- (c) 12
- (d) 13
- (e) 11

Q25. Statement: $F > H > A = E$

Conclusions: I. $F > A$ II. $H > E$

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

Q26. Statements: Some Windows are Tables. No Tables is Books. All Books are Lamps.

Conclusions: I. No Windows is Books. II. Some Windows are not Books. III. Some Lamps are not Tables.

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

Q27-Q31. Seven persons Isha, Kavita, Priya, Simran, Sonia, Suresh, Vikas 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. Suresh lives on the lowest floor. Kavita lives on the topmost floor. Isha lives exactly in the middle floor. Priya lives immediately above Suresh. Simran lives immediately above Priya. Vikas lives immediately below Kavita. Sonia lives exactly between Isha and Vikas.

Q27. Who lives on the 3rd floor?

- (a) Sonia
- (b) Isha
- (c) Priya
- (d) Simran
- (e) Vikas

Q28. How many persons live above the floor of Isha?

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

Q29. Who lives immediately below Isha?

- (a) Priya
- (b) Suresh
- (c) Simran
- (d) Vikas
- (e) Kavita

Q30. Who lives on the topmost floor?

- (a) Sonia
- (b) Isha
- (c) Suresh
- (d) Vikas
- (e) Kavita

Q31. Who lives exactly between the floors of Isha and Vikas?

- (a) Vikas
- (b) Sonia
- (c) Priya
- (d) Kavita
- (e) Isha

Q32. I. $x^2 + 12x + 32 = 0$ II. $y^2 - y - 42 = 0$. 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) $x \geq y$

Q33. Who is the tallest among Simran, Pooja, Kavita, Komal and Ritu?

I. Kavita is taller than Simran and Komal but shorter than Pooja.

II. Ritu is the tallest of all five.

- (a) Neither statement I nor II is sufficient

- (b) Both statements I and II together are necessary
- (c) Only statement II alone is sufficient
- (d) Only statement I alone is sufficient
- (e) Either statement I or II alone is sufficient

Q34. $54 \times (3/4) + (3/8) \times 13 = ?$

- (a) 41.64
- (b) 43.51
- (c) 43.89
- (d) 45.38
- (e) None of these

Q35-Q39. The pie chart below shows the percentage distribution of 6600 students enrolled across six streams A, B, C, D, E, F. Study it and answer the questions that follow.

A: 7%, B: 13%, C: 25%, D: 17%, E: 17%, F: 21%

Q35. How many students are enrolled in stream A?

- (a) 439
- (b) None of these
- (c) 488
- (d) 496
- (e) 462

Q36. What is the difference between the number of students in stream C and stream B?

- (a) 646
- (b) None of these
- (c) 921
- (d) 792
- (e) 951

Q37. What is the central angle (in degrees) representing stream E in the pie chart?

- (a) 61.20
- (b) 66.10
- (c) None of these
- (d) 63.63
- (e) 57.20

Q38. What is the ratio of the number of students in stream A to stream B?

- (a) 7:12
- (b) None of these
- (c) 7:13
- (d) 3:7
- (e) 7:11

Q39. How many students are NOT enrolled in stream F?

- (a) 5214
- (b) 5442
- (c) None of these
- (d) 4718
- (e) 4549

Q40. What is the code for 'star' in a certain code language?

- I. 'star is bright' is written as 'U W D'.
- II. 'sky is bright' is written as 'S W D'.

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

Q41. Suresh said, "Kavita's mother is the only daughter of my mother." How is Suresh related to Kavita?

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

Q42. $[(30 \times 15) \div 9 - 13] \times 5 \div 8 + (15 - 9) = ?$

- (a) 30.58
- (b) 25.91
- (c) 26.95
- (d) None of these
- (e) 29.12

Q43. $200 \times 5 \div 80 + \sqrt{225} - 70 \div 5 \approx ?$ (find the approximate value)

- (a) None of these
- (b) 13.50
- (c) 12.60
- (d) 15.07
- (e) 15.95

Q44. Pipe A can fill a tank in 7 hours and Pipe B can fill the same tank in 17 hours. If both pipes are opened together, find the time taken to fill the tank (in hours).

- (a) 5.28
- (b) None of these
- (c) 4.96
- (d) 5.61
- (e) 5.57

Q45. What is the code for 'sun' in a certain code language?

I. 'sun is bright' is written as 'H S G'.

II. 'rain is bright' is written as 'C S G'.

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

Q46. Study the following sequence carefully and answer the question given below:

3 @ % J 2 @ 3 # \$ % % 2

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

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

Q47. Study the following sequence carefully and answer the question given below:

A A 0 R 3 T Z N 1 2 6 @ 8

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

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

Q48. Statement: $A = G = E < B$

Conclusions: I. $A = E$ II. $G < B$

- (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

Q49. I. $x^2 + 6x - 16 = 0$ II. $y^2 + 2y - 99 = 0$. On solving both equations, find the relation between x and y.

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

Q50. Find the missing term: 10, 20, 40, 80, ?, 320

- (a) 177
- (b) 160
- (c) 145
- (d) None of these
- (e) 131

Q51. I. $x^2 - 2x - 24 = 0$ II. $y^2 - 2y - 24 = 0$. 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) $x > y$

Q52. What is the area of a rectangle?

I. The length of the rectangle is 8 cm.

II. The perimeter of the rectangle is 24 cm.

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

Q53-Q57. 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-285, Feb-50, Mar-70, Apr-200, May-215, Jun-150

Product Q: Jan-270, Feb-220, Mar-185, Apr-205, May-290, Jun-270

Q53. What is the total number of units (in tens) of products P and Q sold together in Feb?

- (a) 300
- (b) 270
- (c) 290
- (d) 281
- (e) None of these

Q54. What is the difference in units sold between Product P and Product Q in May?

- (a) -68
- (b) -89
- (c) -86
- (d) None of these
- (e) -75

Q55. Find the average monthly sale (in tens) of Product P over the six months.

- (a) 154.66
- (b) 177.62
- (c) None of these
- (d) 161.67
- (e) 144.95

Q56. What is the total number of units (in tens) of Product Q sold over all six months?

- (a) 1318
- (b) 1578
- (c) None of these
- (d) 1440
- (e) 1309

Q57. What is the ratio of units sold of Product P to Product Q in Feb?

- (a) 2:5
- (b) 8:21
- (c) None of these
- (d) 5:22
- (e) 1:4

Q58. Find the average of the following numbers: 53, 45, 67, 26, 29.

- (a) None of these
- (b) 40.39
- (c) 38.26
- (d) 40.99
- (e) 44

Q59. Nisha walks 6 km towards North, then turns right and walks 13 km. He then turns right again and walks 6 km. In which direction is Nisha now with respect to his starting point?

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

Q60. Pointing to a photograph, Payal said, "Anita is the son of my father's only son." How is Anita related to Payal?

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

Q61-Q65. 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: 2016-830, 2017-860, 2018-270, 2019-420, 2020-470

Company B: 2016-780, 2017-680, 2018-670, 2019-460, 2020-450

Company C: 2016-410, 2017-830, 2018-620, 2019-230, 2020-210

Company D: 2016-530, 2017-350, 2018-270, 2019-510, 2020-400

Company E: 2016-820, 2017-290, 2018-640, 2019-400, 2020-630

Q61. What is the total number of employees (in hundreds) in Company A over all five years?

- (a) None of these
- (b) 2727
- (c) 2650
- (d) 2999
- (e) 2850

Q62. What is the difference between the number of employees in Company A and Company E in 2019?

- (a) 16
- (b) None of these
- (c) 18
- (d) 24
- (e) 20

Q63. Find the average number of employees (in hundreds) across all five companies in 2019.

- (a) 441.09
- (b) 355.23
- (c) None of these
- (d) 404
- (e) 428.94

Q64. What is the percentage change in the number of employees of Company A from 2019 to 2020?

- (a) 10.35
- (b) 15.41
- (c) 10
- (d) None of these
- (e) 11.90

Q65. What is the total number of employees (in hundreds) in Company D in 2019 and Company E in 2020 together?

- (a) 1061
- (b) 1022

- (c) None of these
- (d) 1277
- (e) 1140

Q66. Find the missing term: 18, 26, 34, 42, 50, ?

- (a) 65
- (b) 53
- (c) None of these
- (d) 58
- (e) 52

Q67. In a certain code language, 'Meena works hard' is written as '9 8 3' and 'Payal works daily' is written as '7 8 2'. What is the code for 'works' in this language?

- (a) 9
- (b) 2
- (c) 7
- (d) 3
- (e) 8

Q68. $\sqrt{16 \times 37 - (9 \times 2) + 13} = ?$

- (a) 154.02
- (b) 143
- (c) 147.84
- (d) 138.20
- (e) None of these

Q69. Neha walks 5 km towards North, then turns right and walks 5 km. He then turns right again and walks 5 km. In which direction is Neha now with respect to his starting point?

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

Q70. $135 \times 3 \div 55 + \sqrt{144} - 155 \div 2 \approx ?$ (find the approximate value)

- (a) -49.31
- (b) None of these
- (c) -67.43
- (d) -58.14
- (e) -66.65

Q71. Deepak introduced Rohit as the son of the only brother of Deepak's mother. How is Rohit related to Deepak?

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

Q72. What is the area of a rectangle?

- I. The length of the rectangle is 16 cm.
- II. The perimeter of the rectangle is 46 cm.
- (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

Q73. Two numbers are in the ratio 4:6 and their sum is 620. Find the larger number.

- (a) 372
- (b) 419.88
- (c) 405.38
- (d) 407.67
- (e) None of these

Q74. In a certain code language, 'Gaurav works hard' is written as '3 2 9' and 'Rohit works daily' is written as '6 2 5'. What is the code for 'works' in this language?

- (a) 2
- (b) 5
- (c) 6
- (d) 3
- (e) 9

Q75. Find the missing term: 7, 16, 25, ?, 43, 52

- (a) 27
- (b) 34
- (c) 29
- (d) None of these
- (e) 28

Q76. I. $x^2 - 14x + 40 = 0$ II. $y^2 - y - 2 = 0$. On solving both equations, find the relation between x and y.

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

Q77. Manoj walks 5 km towards North, then turns right and walks 11 km. He then turns right again and walks 5 km. In which direction is Manoj now with respect to his starting point?

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

Q78. Study the following sequence carefully and answer the question given below:

H V 3 # 6 N * # \$ 8 @ E Y

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

Q79. $360 \times 7 \div 25 + \sqrt{225} - 175 \div 5 \approx ?$ (find the approximate value)

- (a) 91.08
- (b) 80.80
- (c) 75.28
- (d) None of these
- (e) 95.10

Q80. In a class of 25 students, Kiran ranks 9th from the top. What is Kiran's rank from the bottom?

- (a) 19
- (b) None of these
- (c) 18
- (d) 17
- (e) 14

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