

## IBPS RRB PO 2019 Prelims Memory Based Paper PDF

**Q1.** Find the missing term: 5, 12, 21, 32, 45, ?

- (a) 53
- (b) None of these
- (c) 60
- (d) 55
- (e) 69

**Q2.**  $18 \times (2/9) + (6/3) \times 6 = ?$

- (a) 17.88
- (b) 16.94
- (c) 14.55
- (d) 16
- (e) None of these

**Q3.** Is the number  $x$  an even number?

I.  $x$  is completely divisible by 14.

II.  $x$  is completely divisible by 18.

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

**Q4.** I.  $x^2 + 5x - 84 = 0$  II.  $y^2 - 15y + 56 = 0$ . 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)  $x < y$

**Q5.** Is the number  $x$  an even number?

I.  $x$  is completely divisible by 12.

II.  $x$  is completely divisible by 10.

- (a) Only statement II 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 I alone is sufficient

**Q6.**  $420 \times 6 \div 75 + \sqrt{256} - 140 \div 5 \approx ?$  (find the approximate value)

- (a) 22.98
- (b) None of these
- (c) 17.37
- (d) 23.39
- (e) 21.60

**Q7-Q11.** Seven persons Manoj, Meena, Neha, Nisha, Rahul, Sanjay, 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. Sanjay lives on the lowest floor. Tarun lives on the topmost floor. Meena lives exactly in the middle floor. Nisha lives immediately above Sanjay. Manoj lives immediately above Nisha. Neha lives immediately below Tarun. Rahul

*lives exactly between Meena and Neha.*

**Q7.** Who lives on the 3rd floor?

- (a) Manoj
- (b) Sanjay
- (c) Neha
- (d) Nisha
- (e) Meena

**Q8.** How many persons live above the floor of Meena?

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

**Q9.** Who lives immediately below Meena?

- (a) Manoj
- (b) Tarun
- (c) Meena
- (d) Sanjay
- (e) Rahul

**Q10.** Who lives on the topmost floor?

- (a) Manoj
- (b) Meena
- (c) Sanjay
- (d) Nisha
- (e) Tarun

**Q11.** Who lives exactly between the floors of Meena and Neha?

- (a) Rahul
- (b) Meena
- (c) Tarun
- (d) Manoj
- (e) Neha

**Q12.** What is the code for 'moon' in a certain code language?

I. 'moon is bright' is written as 'D C N'.

II. 'star is bright' is written as 'J C N'.

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

**Q13.**  $445 \times 3 \div 50 + \sqrt{144} - 130 \div 2 \approx ?$  (find the approximate value)

- (a) -31.73
- (b) -31.31
- (c) None of these
- (d) -21.63
- (e) -26.30

**Q14.** Pointing to a photograph, Priya said, "Rajesh is the son of my father's only son." How is Rajesh related to Priya?

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

**Q15.** In a certain code language, 'Kavita works hard' is written as '1 8 5' and 'Sanjay works daily' is written as '4 8 9'. What is the code for 'works' in this language?

- (a) 8
- (b) 9
- (c) 1
- (d) 5
- (e) 4

**Q16.**  $(10^4) - (6^3) + 26 \div 2 = ?$

- (a) 9797
- (b) None of these
- (c) 10629.43
- (d) 10475.79
- (e) 8891.68

**Q17.** I.  $x^2 + 17x + 66 = 0$  II.  $y^2 + 15y + 44 = 0$ . On solving both equations, find the relation between x and y.

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

**Q18.** Statements: No Mirrors is Cups. Some Cups are Books. All Books are Lamps.  
Conclusions: I. Some Books are not Mirrors. II. Some Lamps are Cups. III. No Mirrors is Lamps.

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

**Q19.** In a certain code language, 'Manoj works hard' is written as '6 7 3' and 'Naveen works daily' is written as '5 7 1'. What is the code for 'works' in this language?

- (a) 7
- (b) 3
- (c) 5
- (d) 6
- (e) 1

**Q20.** Statement:  $C < H > G = B$

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

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

*Q21-Q25. The pie chart below shows the percentage distribution of 2100 students enrolled across six streams A, B, C, D, E, F. Study it and answer the questions that follow.*

A: 22%, B: 23%, C: 11%, D: 10%, E: 7%, F: 27%

**Q21.** How many students are enrolled in stream E?

- (a) None of these
- (b) 140
- (c) 147
- (d) 161
- (e) 162

**Q22.** What is the difference between the number of students in stream C and stream E?

- (a) None of these
- (b) 78
- (c) 84
- (d) 68
- (e) 75

**Q23.** What is the central angle (in degrees) representing stream B in the pie chart?

- (a) 82.80
- (b) 88.70
- (c) 89.43
- (d) None of these
- (e) 78.40

**Q24.** What is the ratio of the number of students in stream C to stream D?

- (a) None of these
- (b) 10:9
- (c) 6:5
- (d) 3:2
- (e) 11:10

**Q25.** How many students are NOT enrolled in stream D?

- (a) 1890
- (b) 1711
- (c) 1783
- (d) 2036
- (e) None of these

**Q26.** Study the following sequence carefully and answer the question given below:

6 1 7 W W N 9 2 1 \* L M 2

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

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

**Q27.** Who is the tallest among Neha, Aman, Anita, Rahul and Sanjay?

I. Anita is taller than Neha and Rahul but shorter than Aman.

II. Sanjay is the tallest of all five.

- (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

**Q28.** Statement:  $D > G = H < F$

Conclusions: I.  $D > H$  II.  $G > F$

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

**Q29.** Statements: No Pens is Bottles. Some Bottles are Cups. All Cups are Lamps.

Conclusions: I. Some Cups are not Pens. II. Some Lamps are Bottles. III. No Pens is Lamps.

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

**Q30.** Is the number  $x$  an even number?

I.  $x$  is completely divisible by 6.

II.  $x$  is completely divisible by 8.

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

**Q31.** In a class of 35 students, Komal ranks 21th from the top. What is Komal's rank from the bottom?

- (a) None of these
- (b) 15
- (c) 14
- (d) 18
- (e) 17

**Q32-Q36.** 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-230, Feb-210, Mar-110, Apr-65, May-135, Jun-270

Product Q: Jan-190, Feb-290, Mar-200, Apr-270, May-195, Jun-90

**Q32.** What is the total number of units (in tens) of products P and Q sold together in Jan?

- (a) 446
- (b) 420
- (c) None of these
- (d) 445
- (e) 371

**Q33.** What is the difference in units sold between Product P and Product Q in Feb?

- (a) -95
- (b) -80
- (c) -65

- (d) -91
- (e) None of these

**Q34.** Find the average monthly sale (in tens) of Product P over the six months.

- (a) None of these
- (b) 140.90
- (c) 163
- (d) 195.27
- (e) 170

**Q35.** What is the total number of units (in tens) of Product Q sold over all six months?

- (a) 1183
- (b) 1235
- (c) None of these
- (d) 1104
- (e) 1321

**Q36.** What is the ratio of units sold of Product P to Product Q in Apr?

- (a) 14:53
- (b) 13:54
- (c) 11:56
- (d) None of these
- (e) 1:4

**Q37.** A shopkeeper bought an article for ₹780 and sold it at a profit of 10%. Find the selling price.

- (a) 858
- (b) None of these
- (c) 790.56
- (d) 815.36
- (e) 916.95

**Q38.** Statement:  $G < C < A > D$

Conclusions: I.  $G = A$  II.  $C = D$

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

**Q39-Q43.** Six persons Arjun, Kiran, Komal, Ritu, Vikas, Vivek sit around a circular table facing the centre, not necessarily in the same order. Vivek sits second to the right of Kiran. Arjun sits third to the left of Kiran. Komal sits immediate right of Arjun. Vikas sits between Vivek and Ritu.

**Q39.** Who sits second to the right of Kiran?

- (a) Komal
- (b) Arjun
- (c) Vikas
- (d) Kiran
- (e) Vivek

**Q40.** Who sits immediate right of Arjun?

- (a) Vivek
- (b) Arjun

- (c) Kiran
- (d) Komal
- (e) Ritu

**Q41.** Who sits between Vivek and Ritu?

- (a) Vivek
- (b) Vikas
- (c) Komal
- (d) Kiran
- (e) Arjun

**Q42.** Who sits third to the left of Kiran?

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

**Q43.** How many persons are seated around the table?

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

**Q44.** What is the code for 'moon' in a certain code language?

I. 'moon is bright' is written as 'A S L'.

II. 'sky is bright' is written as 'I S L'.

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

**Q45.** The speed of a boat in still water is 9 km/hr and the speed of the current is 5 km/hr. Find the time taken to cover 20 km downstream (in hours).

- (a) 1.43
- (b) 1.30
- (c) None of these
- (d) 1.26
- (e) 1.50

**Q46.** Find the missing term: 10, 14, ?, 28, 38, 50

- (a) 20
- (b) 19
- (c) 22
- (d) 24
- (e) None of these

**Q47.** Ritu walks 5 km towards North, then turns right and walks 7 km. He then turns right again and walks 5 km. In which direction is Ritu now with respect to his starting point?

- (a) South-East
- (b) South
- (c) North

- (d) West
- (e) East

**Q48.** I.  $x^2 - 14x + 45 = 0$  II.  $y^2 + 5y - 66 = 0$ . On solving both equations, find the relation between  $x$  and  $y$ .

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

**Q49-Q53.** Seven persons Divya, Gaurav, Manoj, Nisha, Payal, Pooja, Rahul sit in a row facing north, not necessarily in the same order. Pooja sits at the extreme left end. Manoj sits at the extreme right end. Payal sits exactly in the middle of the row. Divya sits second from the left end. Nisha sits to the immediate right of Divya. Rahul sits second from the right end. Gaurav sits between Payal and Rahul.

**Q49.** Who sits third from the left end?

- (a) Nisha
- (b) Rahul
- (c) Divya
- (d) Manoj
- (e) Payal

**Q50.** How many persons sit to the right of Payal?

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

**Q51.** Who sits immediate left of Payal?

- (a) Rahul
- (b) Gaurav
- (c) Manoj
- (d) Nisha
- (e) Pooja

**Q52.** Which of the following sits at the extreme right end of the row?

- (a) Payal
- (b) Manoj
- (c) Rahul
- (d) Pooja
- (e) Nisha

**Q53.** Who sits exactly between Payal and Rahul?

- (a) Manoj
- (b) Pooja
- (c) Rahul
- (d) Gaurav
- (e) Divya

**Q54.** Nisha walks 8 km towards North, then turns right and walks 12 km. He then turns right again and walks 8 km. In which direction is Nisha now with respect to his starting point?

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

**Q55.**  $275 \times 4 \div 85 + \sqrt{196} - 110 \div 5 \approx ?$  (find the approximate value)

- (a) 3.95
- (b) 4.23
- (c) None of these
- (d) 5.91
- (e) 4.94

**Q56.** A shopkeeper bought an article for ₹640 and sold it at a profit of 12%. Find the selling price.

- (a) None of these
- (b) 769.19
- (c) 716.80
- (d) 659.13
- (e) 683.65

**Q57.** Vikas said, "Ashok's mother is the only daughter of my mother." How is Vikas related to Ashok?

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

**Q58.** In a certain code language, 'Ritu works hard' is written as '4 1 2' and 'Rohit works daily' is written as '7 1 3'. What is the code for 'works' in this language?

- (a) 3
- (b) 2
- (c) 4
- (d) 7
- (e) 1

**Q59.** I.  $x^2 - 1 = 0$  II.  $y^2 + y - 2 = 0$ . 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)  $x \geq y$

**Q60.** Study the following sequence carefully and answer the question given below:

3 W 9 A @ & 2 3 A % % \* T

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

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

**Q61.**  $(10^4) - (5^2) + 14 \div 2 = ?$

- (a) 9982
- (b) 8845.68
- (c) 10676.69
- (d) 8932.48
- (e) None of these

**Q62.** Is the number  $x$  an even number?

I.  $x$  is completely divisible by 20.

II.  $x$  is completely divisible by 16.

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

**Q63.** Pointing to a photograph, Vivek said, "Gaurav is the son of my father's only son."

How is Gaurav related to Vivek?

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

**Q64.** Find the missing term: 3, 9, 15, 21, 27, ?

- (a) 38
- (b) None of these
- (c) 30
- (d) 28
- (e) 33

**Q65.** Suresh walks 7 km towards North, then turns left and walks 7 km. He then turns left again and walks 7 km. In which direction is Suresh now with respect to his starting point?

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

**Q66.** In a class of 40 students, Gaurav ranks 9th from the top. What is Gaurav's rank from the bottom?

- (a) 39
- (b) 36
- (c) None of these
- (d) 38
- (e) 32

**Q67.**  $51 \times (3/3) + (4/9) \times 20 = ?$

- (a) 64.11
- (b) 59.89
- (c) None of these
- (d) 57.30
- (e) 58.03

**Q68.** Who is the tallest among Suresh, Ritu, Kavita, Anita and Sonia?

I. Kavita is taller than Suresh and Anita but shorter than Ritu.

II. Sonia is the tallest of all five.

- (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

**Q69.** In a class of 25 students, Manoj ranks 18th from the top. What is Manoj's rank from the bottom?

- (a) 8
- (b) None of these
- (c) 7
- (d) 9
- (e) 10

**Q70.** Study the following sequence carefully and answer the question given below:

J # W 0 D 0 C F 5 2 7 3 7

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

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

**Q71.**  $225 \times 6 \div 20 + \sqrt{225} - 135 \div 2 \approx ?$  (find the approximate value)

- (a) 15
- (b) 17.05
- (c) 14.19
- (d) None of these
- (e) 16.75

**Q72-Q76.** 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: 2016-260, 2017-450, 2018-820, 2019-410, 2020-570

Company B: 2016-670, 2017-400, 2018-650, 2019-410, 2020-380

Company C: 2016-610, 2017-830, 2018-430, 2019-850, 2020-800

Company D: 2016-870, 2017-500, 2018-870, 2019-790, 2020-450

Company E: 2016-880, 2017-530, 2018-310, 2019-470, 2020-560

**Q72.** What is the total number of employees (in hundreds) in Company E over all five years?

- (a) 2750
- (b) None of these
- (c) 2902
- (d) 2676
- (e) 2950

**Q73.** What is the difference between the number of employees in Company E and Company D in 2017?

- (a) 30
- (b) 34
- (c) None of these
- (d) 36
- (e) 32

**Q74.** Find the average number of employees (in hundreds) across all five companies in 2017.

- (a) 542
- (b) 586.19
- (c) None of these
- (d) 628.87
- (e) 565.98

**Q75.** What is the percentage change in the number of employees of Company E from 2017 to 2020?

- (a) 5.66
- (b) None of these
- (c) 6.42
- (d) 4.20
- (e) 4.78

**Q76.** What is the total number of employees (in hundreds) in Company B in 2017 and Company D in 2020 together?

- (a) 850
- (b) 719
- (c) 745
- (d) 904
- (e) None of these

**Q77.** A shopkeeper bought an article for ₹460 and sold it at a profit of 10%. Find the selling price.

- (a) 531.48
- (b) 478.32
- (c) 449.06
- (d) None of these
- (e) 506

**Q78.** Find the missing term: 10, 14, 18, 22, 26, ?

- (a) 30
- (b) None of these
- (c) 26
- (d) 24
- (e) 36

**Q79.** Statements: No Tables is Chairs. Some Chairs are Lamps. All Lamps are Bottles. Conclusions: I. Some Lamps are not Tables. II. Some Bottles are Chairs. III. No Tables is Bottles.

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

**Q80.** I.  $x^2 - 4x - 45 = 0$  II.  $y^2 - 6y - 55 = 0$ . 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)  $x \geq y$