

## IBPS RRB Mock Test 3

**Directions (1-2):** Given below are two statements followed by two conclusions. Study the statements and then mark your answer based on the conclusions.

**Q 1.**

Statements: Some keyboard are monitor

All monitors are mouse

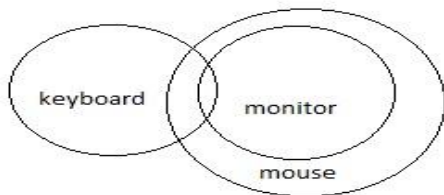
Conclusion I: Some keyboard are mouse

Conclusion II: Some mouse are not monitor

- A. Only conclusion I follow
- B. Only conclusion II follows
- C. Both conclusion I and II follow
- D. Neither conclusion I nor II follows
- E. Either conclusion I or II follows

**Answer: A**

**Solution 1:**



**Q 2.**

Statements: Some paintings are art

Some art are canvas

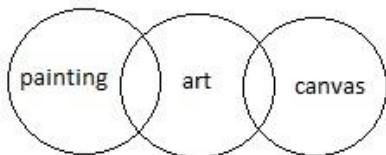
**Conclusion I:** Some paintings are not canvas

**Conclusion II:** Some art are not paintings

- A. Only conclusion I follow
- B. Only conclusion II follows
- C. Both conclusion I and II follow
- D. Neither conclusion I nor II follows
- E. Either conclusion I or II follows

**Answer: D**

**Solution 2:**



**Q 3.** In a certain code language 'COMPUTER' is coded as 'ENOOWSGQ'. What will be the code for 'TOGETHER'?

- A. VNIDVGHQ
- B. VINVDGQH
- C. VNIDVGGQ
- D. SNHDSHEQ
- E. None of the above

**Answer:** C

**Solution 3:**

C(+2)	O(-1)	M(+2)	P(-1)	U(+2)	T(-1)	E(+2)	R(-1)
E	N	O	O	W	S	G	Q

T(+2)	O(-1)	G(+2)	E(-1)	T(+2)	H(-1)	E(+2)	R(-1)
V	N	I	D	V	G	G	Q

**Directions (4-6):** Read the data given below and answer the following questions.

There are eight friends, namely Anjali, Bhavya, Chitra, Drishti, Priya, Kavita, Ritu and Srishti, studying in eight different centres of IIT in different cities, i.e. Delhi, Mumbai, Kharagpur, Patna, Madras, Kanpur, Guwahati and Gandhinagar. All of them are sitting in two parallel rows containing four people each, in such a way that there is an equal distance between adjacent person. In row 1 Anjali, Bhavya, Chitra and Drishti are seated and all of them are facing south. In row 2 Priya, Kavita, Ritu and Srishti are seated and all are facing north. Each member of the one row is opposite the other member in the other row. Priya, who does not sit at any of the extreme ends, is sitting opposite the person who is on the immediate right of the one who is studying at IIT Madras. The person from IIT Kanpur sits at an extreme end but does not face the person from IIT Kharagpur. Srishti and Ritu are immediate neighbours and neither of them face Bhavya. There is only one person between Chitra and Drishti and that person is from IIT Gandhinagar. Anjali, who is neither from IIT Guwahati nor from IIT Patna, sits second to the left of Bhavya. Bhavya faces the one from IIT Mumbai. Kavita is from IIT Kanpur. The person from IIT Guwahati is an immediate neighbour of the one from IIT Kharagpur. There is only one person sitting between Priya and Srishti. Drishti and Anjali are immediate neighbours. Srishti is from IIT Kharagpur.

**Q 4.** Who is facing the person who studies in IIT Mumbai?

- A. Priya
- B. The person studying in IIT Kharagpur
- C. The person studying in IIT Guwahati
- D. Bhavya
- E. None of the above

**Answer:** D

**Q 5.** Who is sitting on the immediate right of the person who is facing Srishti?

- A. Ritu
- B. Chitra
- C. Anjali
- D. Kavita
- E. Drishti

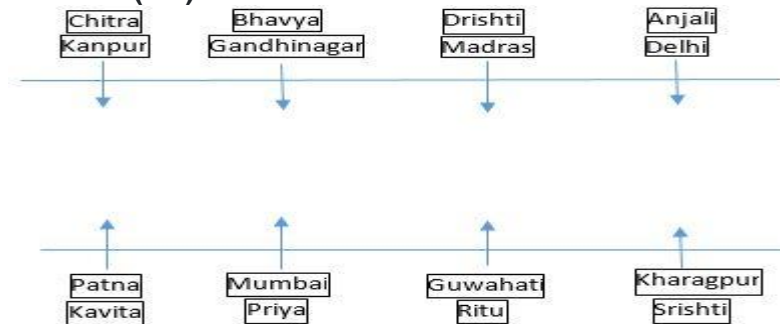
**Answer:** E

**Q 6.** Who is sitting third to right of the one who studies in IIT Patna?

- A. Priya
- B. Ritu
- C. Srishti
- D. Chitra
- E. Kavita

**Answer:** B

**Solution (4-6):**



**Directions (7-8):** In the following questions, the symbols \$, #, %, \* and @ are used with the following meanings as illustrated below:

A\$B means A is not greater than B

A#B means A is neither greater than nor smaller than B

A%B means A is not smaller than B

A\*B means A is neither smaller than nor equal to B

A@B means A is neither greater than nor equal to B

**Q 7.** W \$ Z, L \*X, K @ L

Conclusion I: X % Z

Conclusion II: X @ Z

Conclusion III: L \* W

- A. Only conclusion I and II follow
- B. Either conclusion I or II is true
- C. Only I and II are true
- D. Either conclusion I and II follow, III is true
- E. Only conclusion III follow

**Answer:** E

**Solution 7:**  $X < L > Z$

$L > Z \geq W$

Therefore,  $L > W$

**Q 8.** L%J, L@K, J\*F

Conclusion I: F @ K

Conclusion II: K \* J

Conclusion III: F @ L

- A. None is true
- B. Only I and II follow

- C. Only II and III follow
- D. Only I and II follow
- E. All I, II and III follow

**Answer:** E

**Solution 8:**  $F < J \leq L < K$

$$\Rightarrow F < K$$

$$K > L \geq J$$

$$\Rightarrow K * J$$

$$F < J \leq L$$

$$\Rightarrow F < L$$

**Q 9.** At the end of a cricket series, when five players were arranged in the ascending order of runs scored by them, Ojas was fourth while Nitin was first. When they were arranged in descending order of wickets taken by them, Kartik replaces Ojas while Ojas replaces Lokesh. Mukesh's position remains unchanged. Kartik has scored more runs than Mukesh. Lokesh is having first rank in one ranking and fifth in another.

Who scored the lowest runs in the series?

- A. Ojas
- B. Lokesh
- C. Mukesh
- D. Nitin
- E. Kartik

**Answer:** B

**Solution 9:**

Runs: Nitin < Mukesh < Nitin < Ojas < Lokesh

Wickets: Lokesh > Mukesh > Nitin > Kartik > Ojas

**Q 10.** Find a single discount equivalent to the discount series of 20%, 25% and 30%.

- A. 41%
- B. 21%
- C. 40%
- D. 42%
- E. None of the above

**Answer:** D

**Solution 10:**

Total discount = 100%

After 20%,  $100 - 20 = 80$

After 25% =  $80 - (25/100 \times 80) = 80 - 20 = 60$

After 30% =  $60 - (30/100 \times 60) = 42$

**Q 11.** The average marks Arun scored in 15 mathematics test is 50. The average of the first 8 tests is 48 and that of last eight tests is 54. Find the marks obtained in the eighth test.

- A. 66
- B. 65
- C. 67
- D. 68

E. 69  
Answer: A

**Solution 11:**

Sum of marks scored by Arun in all 15 tests =  $50 \times 15 = 750$

Sum of marks obtained in first eight tests =  $48 \times 8 = 384$

Sum of marks obtained in last eight tests =  $54 \times 8 = 432$

Marks obtained in eighth test =  $(384+432) - 750 = 816 - 750 = 66$

**Directions (12-14):** Study the data given below and answer the following questions

The table below gives details about the number of cars sold in a month in different cities. Study the table carefully and then answer the questions.

City	Number of Cars			
	Toyota	Ford	Maruti	Volkswagen
Mumbai	166	300	240	185
Lucknow	170	165	200	350
Delhi	320	205	260	145
Chennai	145	320	155	310
Bangalore	220	190	230	350

**Q 12.** What is the ratio between the total number of cars sold in Mumbai to the total number of cars sold in Bangalore?

- A. 5:6
- B. 7:4
- C. 9:11
- D. 7:9
- E. 9:10

Answer: E

**Solution 12:** Total cars sold in Mumbai =  $166 + 300 + 240 + 185 = 891$

Total cars sold in Bangalore =  $220 + 190 + 230 + 350 = 990$

Ratio of the number of cars sold in Mumbai to the number of cars sold in Bangalore =  $891:990 = 9:10$

**Q 13.** What is the average number of cars sold in Delhi and Chennai together?

- A. 233.75
- B. 210.50
- C. 232.5
- D. 214.25
- E. None of the above

Answer: C

**Solution 13:** Total cars sold in Delhi =  $320 + 205 + 260 + 145 = 930$   
Total cars sold in Chennai =  $145 + 320 + 155 + 310 = 930$   
Average =  $(930+930) / 8 = 1860 / 8 = 232.5$

**Q 14.** What is the ratio between the Toyota cars sold in Lucknow to the Volkswagen cars sold in Chennai?

- A. 12:13
- B. 17:31
- C. 21:17
- D. 7:9
- E. 2:3

**Answer:** B

**Solution 14.** Toyota cars sold in Lucknow = 170  
Volkswagen cars sold in Chennai = 310  
Ratio =  $170:310 = 17:31$

**Q 15.** The population of a village is 4,00,000. Increase rate per annum is 25%. Find the population at the start of the 4th year.

- A. 6,45,000
- B. 5,65,000
- C. 5,87,450
- D. 7,81,250
- E. None of the above

**Answer:** D

**Solution 15:** Population in the start of 2nd year =  $4,00,00 + (25\% \text{ of } 4,00,00) = 5,00,000$   
Population in the start of 3rd year =  $5,00,000 + (25\% \text{ of } 5,00,000) = 6,25,000$   
Population in the start of 4th year =  $6,25,000 + (25\% \text{ of } 6,25,000) = 7,81,250$

**Directions (16-17):** In the questions given below, two quadratic equations are given. Based on the equations, answer the following questions.

**Q 16.**

**Equation I:**  $p^2 - 3p - 10 = 0$

**Equation II:**  $q^2 - 2q - 8 = 0$

- A.  $p > q$
- B.  $q > p$
- C.  $p \leq q$
- D.  $p \geq q$
- E.  $p = q$  or no relation

**Answer:** D

**Solution 16:**

**Equation I:**  $p^2 - 3p - 10 = 0$

$p^2 - 5p + 2p - 10 = 0$

$p(p-5) + 2(p-5) = 0$

$p = -2 / 5$

**Equation II:**  $q^2 - 2q - 8 = 0$

$$q^2 - 4q + 2q - 8 = 0$$

$$q(q-4) + 2(q-4) = 0$$

$$q = 4 / -2$$

**Q 17.**

Equation I:  $a^2 - 3a + 2 = 0$

Equation II:  $b^2 + 7b + 12 = 0$

A.  $a > b$

B.  $b > a$

C.  $a \leq b$

D.  $a \geq b$

E.  $a = b$  or no relation

**Answer:** A

**Solution 17:**

**Equation I:**  $a^2 - 3a + 2 = 0$

$$a^2 - 2a - a + 2 = 0$$

$$a(a-2) - 1(a-2) = 0$$

$$a = 2 / 1$$

**Equation II:**  $b^2 + 7b + 12 = 0$

$$b^2 + 4b + 3b + 12 = 0$$

$$b(b+4) + 3(b+4) = 0$$

$$b = -3 / -4$$

**Q 18.** What will come in place of question mark (?)

4      5      9      18      34      ?

A. 40

B. 36

C. 55

D. 62

E. 59

**Answer:** E

**Solution 18:**

$$4 + 1^2 = 5$$

$$5 + 2^2 = 9$$

$$9 + 3^2 = 18$$

$$18 + 4^2 = 34$$

$$34 + 5^2 = 59$$

**Q 19.** If the following five words are arranged in alphabetical order, which word will come in the middle?

A. Read

B. Playful

C. Backyard

D. Draw

E. Manifest

**Answer:** B

**Directions (20-21):** Five statements are given below. Arrange the statements in logical order.

**Q 20.**

1. Yet, recessions are not disability of capitalism but an intrinsic part of it.
2. Markets create boom and bust cycles, arising from human tendencies to swing from euphoria to fear and back.
3. A bust is an occasion for cleaning out deadwood and failed experiments, and re-inventing capitalism.
4. Almost every economic news report carries Countries in recession words like 'crisis' and 'disaster'.
5. As the recession deepens, people across the ideological spectrum declare that capitalism has failed.

- A. 12345
- B. 34521
- C. 54123
- D. 12453
- E. 53142

**Answer: C**

**Q 21.**

1. So when fear happens, just become totally aware and don't get identified with that thought.
2. This is called objective watching.
3. You feel insecure because you have a concept of what is security and from that concept you are seeing life.
4. With wordless awareness, just watch.
5. This watch will not allow the previous fears to have a snowballing effect.

- A. 21345
- B. 42315
- C. 23415
- D. 14523
- E. None of the above

**Answer: D**

**Directions (22-23):** In the sentences given below there are two blanks in each page. Choose the set of words that best fits the meaning of the sentence as a whole.

**Q 22.**

The construction of the bypass went \_\_\_\_\_ despite the \_\_\_\_\_ from the environmentalists.

- A. Ahead , protests
- B. rough, disapproval
- C. Critical, conflict
- D. Forward, benefits
- E. Good, bad

**Answer: A**

**Q 23.**

In a society that dislikes \_\_\_\_\_, a nonconformist is constantly \_\_\_\_\_.

- A. Imagination, approved
- B. Rebelliousness, suppressed
- C. revolts, appreciated



- D. superiority, persecuted
- E. Stagnation, denigrated

**Answer: B**

**Q 24.** In this question a word has been given in bold. Choose the word which is exactly opposite in meaning to the given word.

**Regressive**

- A. Customary
- B. Natural
- C. Aggravating
- D. Traditionalistic
- E. Liberal

**Answer: E**

**Q 25.** In the statements given below, there are two sentences. Each sentence has a blank. Choose the correct option which appropriately fits in both the blanks making them meaningful and grammatically correct.

**Statements I:** The five men, their cars, and their supplies were loaded into the \_\_\_\_\_ military aircraft.

**Statement II:** A \_\_\_\_\_ solar storm could fry power grids, knocking out electricity for months.

- A. Gigantic
- B. Small
- C. Minute
- D. Concise
- E. Analogy

**Answer: A**