

## IBPS Clerk Question Paper 2016- Reasoning Ability

**Direction (1-5):** In these questions, a relationship between different elements is shown in the statements. The statements are followed by two conclusions. Give answer

**Q 1. Statement:**  $M > K > T = P < S = R$

**Conclusions:**

I.  $M > P$

II.  $R > T$

1. Only conclusion I is true.
2. Only conclusion II is true
3. Either conclusion I or II is true
4. Neither conclusion I nor II is true
5. Both conclusions I and II are true

Answer: 5

**Solution 1:**

$M > K > T = P$

The above-given directions proves that  $M > P$

$T = P < S = R$

The above-given directions proves that  $R > T$

**Q 2. Statement:**  $R < L = T > S, V < G < R$

**Conclusions:**

I.  $S > G$

II.  $G < T$

1. Only conclusion I is true
2. Only conclusion II is true
3. Either conclusion I or II is true
4. Neither conclusion I nor II is true
5. Both conclusions I and II are true

Answer: 2

**Solution 2:**

$V < G < R < L = T > S$

**Q 3.**

**Statements:**  $D = K > R > T, Q < P = T$

**Conclusions:**

I.  $D > P$

II.  $R > Q$

1. Only conclusion I is true
2. Only conclusion II is true
3. Either conclusion I or II is true
4. Neither conclusion I nor II is true
5. Both conclusions I and II are true

Answer:

**Solution 3:**

$$D = K > R > T = P > Q$$

**Q 4.****Statements:**  $M < N < R = J < K = L$ **Conclusions:**I.  $J > M$ II.  $M = J$ 

1. Only conclusion I is true
2. Only conclusion II is true
3. Either conclusion I or II is true
4. Neither conclusion I or II is true
5. Both conclusions I and II are true

Answer: 1

**Q 5.****Statements:**  $A > N < R = Q, N < S = K$ **Conclusions:**I.  $A > K$ II.  $S < Q$ 

1. Only conclusion I is true
2. Only conclusion II is true
3. Either conclusion I or II is true
4. Neither conclusion I or II is true
5. Both conclusions I and II are true

Answer:

**Solution 5:**

$$S = K$$

$$\vee$$

$$A > N < R = Q$$

**Directions (6-10):**

Study the following information carefully and answer the questions given below:

In a college canteen, twelve students are sitting in two parallel lines in such a way that there are six students in each row at equidistance. G, H, I, J, K and L are sitting in row-1 and they face towards east. M, N, O, X, Y and Z are sitting in row-2 and they face towards the west. One student of one row faces the other student of the other row. M, who is sitting at one of the ends of the row, is second to the right of Y. G does not face M or Y. G is third to the left of L. There are two students between N and Z. There is only one student between I and J. I and J do not face M. H is the neighbour of I. X, who does not face J, is not the neighbour of N.

**Q 6.** Who among the following faces L?

1. N
2. Y
3. X
4. O
5. Z

Answer: 5

Q 7. How many students are sitting between K and I?

1. One
2. Two
3. Three
4. Four
5. None

Answer: 2

Q 8. K is related to O in the same way as H is related to X. On this pattern L is related to

1. Z
2. M
3. Y
4. N
5. None of these

Answer: 4

Q 9. Which of the following statements is true about H?

1. N is not the neighbour of that student who faces H
2. I is not the immediate neighbour of H
3. K is second to the right of H
4. Y faces H
5. H is second from the left end of the row

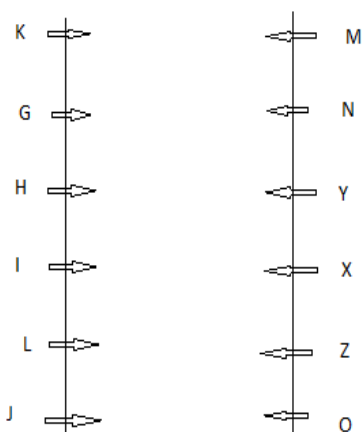
Answer: 4

Q 10. Who is sitting at the ends of the row?

1. M, Z
2. L, G
3. J, K
4. M, X
5. None of these

Answer: 3

**Solution (6-10):**



**Directions (11-15):** Study the information given below and answer the following questions:

P, Q, R, S, T, V, W and X are sitting around a circular table facing the centre but not necessarily in the same order.

- R sits third to left of W
- X sits second to the right of T. T is not an immediate neighbour of R and W
- Two people sit between P and S. Neither P or S is an immediate neighbour of X
- Q is not an immediate neighbour of X and P.

**Q 11.** Which of the pairs represent the immediate neighbours of S?

1. W,T
2. R,Q
3. R,X
4. X,T
5. W,P

Answer: 2

**Q 12.** What is the position of V with respect to P in the above arrangement?

1. Third to the right
2. Immediate left
3. Immediate Right
4. Second to right
5. Fifth to right

Answer: 4

**Q 13.** Who sits third to the right of Q?

1. P
2. X
3. V
4. S
5. T

Answer: 5

**Q 14.** What will come in place of question mark in the following series according to the above seating arrangement?

X    P    S    V    ?

1. Q
2. T
3. R
4. P
5. W

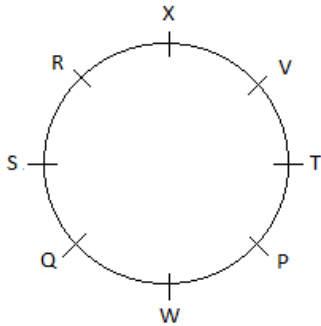
Answer: 5

**Q 15.** Four of the five are alike in a certain way based on their positions in the above-given seating arrangement. Which of the following does not belong to the group?

1. SR
2. XP
3. RX
4. QS
5. XV

Answer: 2

**Solution (11-15):**



**Directions (16-20):** Study the following information carefully and answer the questions given below: Eight friends A, B, C, D, P, Q, R and S are sitting in a straight line (but not necessarily in the same order). Some of them are facing south while some are facing north. (Note: Facing the same direction means if one is facing north then the other also faces north and vice versa. Facing opposite directions means, if one is facing north then the other faces south and Vice versa). Q sits at one of the extreme ends of the line. C sits third to the left of Q. B, is not an immediate neighbour of Q. P, sits third to the right of C. A faces north. D sits to the immediate right of P. D does not sit at any of the extreme end of the line. Only one person sits between R and B. P sits second to the left of R. S sits second to the right of D. Both the immediate neighbour of P faces the same direction to each other. Both the immediate neighbour of C faces the opposite direction to each other. S faces the same direction as D and A faces the same direction as R.

**Q 16.** How many persons sit between D and A?

1. One
2. None
3. Three
4. Two
5. None of these

Answer: 3

**Q 17.** Who among the following pair sits at extreme ends?

1. S, Q
2. D, Q
3. Q, R
4. S, R
5. None of these

Answer: 1

**Q 18.** Who sits third to the left of D?

1. R
2. B
3. Q
4. C
5. None of these

Answer: 2

**Q 19.** Who sits immediate right of R?

1. A

2. C
3. B
4. S
5. None of these

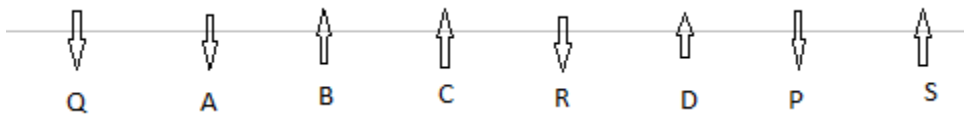
Answer: 2

**Q 20.** Four of the following five are alike in a certain way based on the given seating arrangement and thus form a group. Which is the one that does not belong to that group?

1. A
2. C
3. S
4. B
5. D

Answer: 1

**Solution (16-20):**



**Directions (21-25):** Following questions are based on the five three-digit numbers given below: 725  
924 485 816 563

**Q 21.** If all the numbers are arranged in descending order from left to right, which of the following will be the product of the first and second digits of the number which is exactly in the middle of the new arrangement?

1. 14
2. 18
3. 8
4. 30
5. 32

Answer: 1

**Solution 21:**

Arrangement when numbers are arranged in descending order is:

924 816 725 563 485

The number in the middle is 725.

Product of 7 and 2 = 14

**Q 22.** If all the digits in each of the numbers are arranged in ascending order within the number, which of the following will form the highest number in the new arrangement of numbers?

1. 725
2. 924
3. 485
4. 816
5. 563

Answer: 3

**Solution 22:**

When each digit is arranged in ascending order in each number, the numbers formed are:

$$924=249$$

$$816=168$$

$$725=257$$

$$563=356$$

$$485=458$$

The highest number after rearrangement is 458

**Q 23.** If the positions of the first and the third digits of each of the numbers are interchanged, how many odd numbers will be formed?

1. None
2. One
3. Two
4. Three
5. Four

Answer: 4

**Solution 23:**

$$725=527$$

$$924=429$$

$$485=584$$

$$816=618$$

$$563=365$$

Odd numbers thus formed are 527, 429 and 365

**Q 24.** If one is added to the middle digit of each of the numbers, how many numbers thus formed will NOT be divisible by three?

1. None
2. One
3. Two
4. Three
5. Four

Answer: 3

**Solution 24:**

After 1 is added to the middle digit of each number, the new numbers formed are:

$$725=735$$

$$924=934$$

$$485=495$$

$$816=826$$

$$563=573$$

Divisibility of 3 states that if the sum of all digits of a number is divisible by 3, the number is divisible by 3.

So the numbers divisible by 3 are 735, 495, 573

Numbers not divisible by 3 are 934 and 826

**Q 25.** What will be the result if the first digit of the highest number is multiplied by the third digit of the lowest number?

1. 16
2. 45

3. 40
4. 27
5. 14

Answer: 2

**Solution 25:**

The highest number is 924.

First digit of the highest number is 9

The lowest number is 485.

Last digit of the lowest number is 5

$$9 \times 5 = 45$$

**Directions (26-28):** In each of the questions below are given three statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

**Q 26.**

**Statement:**

Some Dares are Dream

All Dreams are Real

No Real is Fake

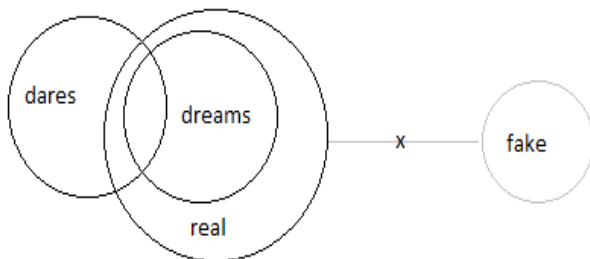
**Conclusion:**

- I. Some Dreams are Fake
- II. All dreams are not Fake

1. Only conclusion I follows
2. Only conclusion II follows
3. Both conclusion I and II follow
4. Neither conclusion I nor II follows
5. Either conclusion I or II follow

Answer: 4

**Solution 26:**



**Q 27.**

**Statement:**

No Rain is Game

Some Games are Chain

No Chain is Lane

**Conclusions:**



- I. Some Chains are not Rain  
 II. Some Games are Lane
1. Only conclusion I follows
  2. Only conclusion II follows
  3. Both conclusion I and II follow
  4. Neither conclusion I nor II follows
  5. Either conclusion I or II follow

Answer: 1

**Solution 27:**



**Q 28.**

**Statement:**

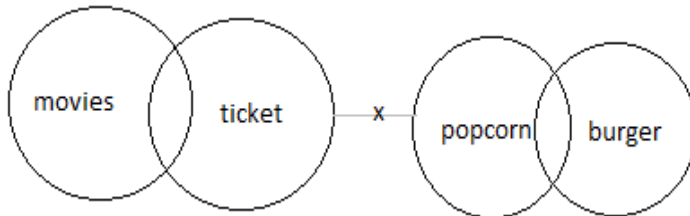
- Some Movies are Ticket
- No Ticket is Popcorn
- Some Popcorn is Burger

**Conclusions:**

- I. Some Movies are Burger  
 II. Some Burgers are not Movie
1. Only conclusion I follows
  2. Only conclusion II follows
  3. Both conclusion I and II follow
  4. Neither conclusion I nor II follows
  5. Either conclusion I or II follow

Answer: 4

**Solution 28:**



**Q 29.** If the position of the 1st and the 14th alphabets, the 2nd and the 15th alphabets, and so on up to the 13th and the 26th alphabets, are interchanged, Then which alphabets will be 7th to the right of 10th alphabets from the right end?

1. A
2. C
3. N

4. B
5. None of these

Answer: 5

**Solution 29:**

After rearrangement the alphabets will be arranged in the following order:

N O P Q R S T U V W X Y Z A B C D E F G H I J K L M

10th alphabet from the right end is D

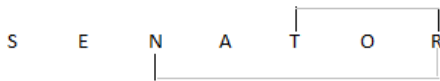
7th alphabet to the right of D is K

**Q 30.** How many pairs of letters are there in the word "SENATOR" which has as many letters between them in the word as in alphabetical series?

1. None
2. One
3. Two
4. Three
5. Four

Answer: 3

**Solution 30:**



**Directions (31-35):**

Study the following information carefully and answer the questions given below:

There are eight persons namely S, T, U, V, W, X, Y and Z lives on eight different floors from one to eight. The ground floor is number 1 and the top floor is number eight. X lives on odd number floor but does not live on the 3rd floor. Z lives immediately below X. More than two-person lives between Z and Y. There are six-person living between S and Y. V lives immediately above W but lives below T. U does not live above X. W does not live immediate above Y.

**Q 31.** Who lives on floor number five?

1. U
2. S
3. Z
4. T
5. None of these

Answer: 1

**Q 32.** How many persons live between W and X?

1. One
2. Three
3. Five
4. Two
5. None of these

Answer: 5

**Q 33.** Who lives immediately above V?

1. Z

2. T
3. Y
4. W
5. None of these

Answer: 2

**Q 34.** Four of the following five are alike in a certain way based on the given arrangement and thus form a group. Which is the one that does not belong to that group?

1. Y
2. V
3. T
4. X
5. W

Answer: 4

**Q 35.** Who lives on the 2nd floor?

1. X
2. S
3. U
4. Z
5. None of these

Answer: 5

**Solution (31-35):**

8	S
7	X
6	Z
5	U
4	T
3	V
2	W
1	Y