

## SBI CLERK PRE - REASONING SET (BASED ON MEMORY)

**Directions (Q. 1-5):** The following questions are based on the following three-digit numbers given below:

571 863 427 654 912

1. If all the three digits of each of the numbers are multiplied together, the product of which of the following numbers will be the second highest?

- 1) 571      2) 863      3) 427      4) 654      5) 912

2. If all the digits of each of the numbers are arranged in ascending order within the number, how many numbers thus formed will be divisible by three?

- 1) None      2) One      3) Two      4) Three      5) More than three

3. If one is subtracted from each even digit of each of the numbers, in how many numbers thus formed will a digit appear twice within the number?

- 1) One      2) Two      3) Three      4) Four      5) Five

4. If the positions of the first and the second digits of each of the numbers are interchanged, what will be the product of the first and the third digits of the second highest number thus formed?

- 1) 14      2) 16      3) 12      4) 18      5) None of these

5. What will be the product of the second digit of the second lowest number and the third digit of the second highest number?

- 1) 21      2) 12      3) 24      4) 16      5) None of these

**Directions (Q. 6-10):** Study the following information carefully and answer the questions given below.

Eight friends, A, B, C, D, E, F, G and H, are sitting around a circular table facing the centre. Further, it is known that

- (A) D sits opposite H and E sits on the immediate left of H.
- (B) B cannot be an immediate neighbour of either D or H and sits third to the left of F.
- (C) G sits second to the right of C.
- (D) F is not an immediate neighbour of H.

6. Who is sitting exactly between E and F?

- 1) B      2) A      3) H      4) C      5) None of these

7. How many persons are sitting between A and C, starting from C in clockwise direction?

- 1) None      2) One      3) Two  
4) Three      5) More than three

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

D A C F ?

- 1) H                      2) E                      3) G                      4) B                      5) None of these

9. Four of the following five are alike in a certain way based on their seating positions, and so form a group. Which is the one that does not belong to that group?

- 1) AE                      2) CH                      3) BG                      4) CE                      5) FD

10. What is the position of A with respect to G?

- 1) Third to the left                      2) Third to the right  
3) Second to the left                      4) Fifth to the right  
5) None of these

**Directions (Q. 11-15): Study the following arrangement carefully and answer the questions given below.**

P 7 3 G # R E \$ 4 F K 1 U % W H 2 N I 5 B Q Y 6 @ H M β 8 V  
D

11. If all the symbols and numbers are dropped from the above arrangement, which of the following will be the fifteenth from the right end?

- 1) P                      2) R                      3) E                      4) F                      5) None of these

12. How many such numbers are there in the above arrangement, each of which is immediately preceded by a symbol and immediately followed by a letter?

- 1) None                      2) One                      3) Two                      4) Three                      5) More than three

13. Which of the following is seventh to the left of twelfth from the right end of the above arrangement?

- 1) 1                      2) %                      3) U                      4) H                      5) None of these

14. What will come in place of question mark in the following series based upon the given arrangement?

7#G EF4 1W% 25I ?

- 1) YH@                      2) Q@6                      3) 52N                      4) YBQ                      5) None of these

15. Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that does not belong to that group?

- 1) EGR                      2) K\$F                      3) β@M                      4) NB2                      5) %KU

16. How many such pairs of letters are there in the word ENCOURAGE each of which has as many letters between them in the word (in both forward and backward directions) as they have between them in the English alphabetical order?

- 1) None                      2) One                      3) Two                      4) Three                      5) More than three

17. In a certain code 'FINANCE' is written as 'ELMDMBH' and 'SHARE' is written as 'RGDQH'. How is 'BANKING' written in that code?

- 1) EBQNHQF                      2) ADMJLMF                      3) ABMNHLQF  
4) EDQMHQI                      5) None of these

**Directions (Q. 18-22): Study the following information carefully and answer the given**

**questions.**

Seven lectures are scheduled to be held in a week, There is only one lecture each on of the seven days of the week, starting from Monday and ending on Sunday.

Chemistry is taught either on Wednesday or on Saturday. Three lectures are scheduled to be held between Chemistry and English. Two lectures are scheduled to be held between English and Computer. Lecture on Physics is scheduled on the day which is immediately next to the day when lecture on Biology is scheduled. Lecture on Psychology is scheduled to be held after Mathematics (not necessarily immediately after Mathematics). Lecture on Psychology is not scheduled for either Saturday or Sunday.

18. Which of the following lectures is scheduled on Thursday?

- 1) Mathematics 2) English 3) Physics  
4) Biology 5) Computer

19. Which of the following combinations of day-lecture is correct?

- 1) Saturday — Physics 2) Monday — Biology  
3) Tuesday — English 4) Thursday — English  
5) Sunday — Computers

20. How many lectures are scheduled between the lecture of Chemistry and that of Physics?

- 1) None 2) One 3) Two 4) Three 5) Five

21. If Chemistry is related to Biology and Psychology is related to Computer in a certain way based upon the given lecture schedule then Biology will be related to which of the following, based upon the same relationship?

- 1) English 2) Mathematics 3) Physics  
4) Chemistry 5) None of these

22. On which of the following days is the lecture on Psychology scheduled?

- 1) Friday 2) Monday 3) Tuesday  
4) Thursday 5) None of these

23. Ravi is Raju's father, Sudha is Raju's grandmother, Radha is Sudha's sister, Rani is Ravi's wife. How is Ravi related to Radha?

- 1) Sister 2) Niece 3) Sister-in-law 4) Maternal uncle 5) None of these

**Directions (Q. 24-25): Study the following information to answer the given questions.**

In a certain code, 'strong financial economy' is written as 'mo tic su', 'financial inclusion needed' is written as 'da ra su' and 'ecomy crisis inclusion' is written as 'ye da mo'.

24. What is the code for 'financial'?

- 1) da 2) su 3) mo 4) ra 5) Can't be determined

25. What does 'tic' stand for?

- 1) economy 2) financial 3) strong 4) needed 5) Either economy or strong

**Directions (Q. 26-30): In these questions, the following symbols are used with different meaning as follows:**

- 'A#B' means 'A is neither greater than nor equal to B'.  
 'A©B' means 'A is neither equal to nor smaller than B'.  
 'A%B' means 'A is neither smaller than nor greater than B'.  
 'A\$B' means 'A is not smaller than B'.  
 'A@B' means 'A is not greater than B'.

Now, in each of the following questions, assuming the given statements to be true, find which of the two conclusions I and II given below them is/are true. Give answer

- 1) if only conclusion I is true.
- 2) if only conclusion II is true.
- 3) if either conclusion I or II is true.
- 4) if neither conclusion I nor II is true.
- 5) if both conclusions I and II are true.

26. **Statements:** Z # F, R @ F, D © R  
**Conclusions:** I. Z # R II. D © Z

27. **Statements:** R @ D, D © W, B @ W  
**Conclusions:** I. W # R II. D © B

28. **Statements:** M © R, R % D, D @ N  
**Conclusions:** I. M © N II. N \$ R

29. **Statements:** H \$ V, V % M, K © M  
**Conclusions:** I. K © V II. M @ H

30. **Statements:** K # T, T \$ B, B @ F  
**Conclusions:** I. F \$ T II. K # B

31. In a certain code, 'TWICE' is written as '34\$58' and 'WEARS' is written as '4829%'. How is 'SEAT' written in that code?

- 1) %283
- 2) %823
- 3) %843
- 4) %\$23
- 5) None of these

32. In a certain code, 'BEAMING' is written as 'BFCMHOJ' and 'CLEAR' is written as 'MDESB'. How is 'TRAIL' written in that code?

- 1) USAMJ
- 2) USAJM
- 3) SUAMJ
- 4) SUAJM
- 5) None of these

33. If it is possible to make only one meaningful English word with the second, fourth, fifth and seventh letters of the word COURTESY, using each letter only once in the word, which of the following will be the third letter of that word? If no such word can be formed, give 'N' as your answer, and if more than one such word can be formed, give 'M' as your answer.

- 1) R
- 2) O
- 3) S
- 4) N
- 5) M

34. How many digits in the number 5279143 will be as far away from the beginning of the number as when the digits are rearranged in ascending order from left to right within the number?

- 1) None
- 2) One
- 3) Two
- 4) Three
- 5) More than three

35. How many such pairs of letters are there in the word INTRODUCE each of which has as many letters between them in the word as in the English alphabet? (In both forward and backward directions)

1) None  
4) Three

2) One  
5) More than three

3) Two

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