

# SBI CLERK PRELIMS 2022

## MEMORY BASED PAPER

### REASONING ABILITY



## SBI Clerk Prelims Exam Analysis 2022 1st Shift : Reasoning Ability (Level Easy)

Uncertain Row	4 Q
Paraller Row ( 5 north 5 south )	5 Q
Floor Based puzzle ( 7 floor )	5 Q
Circular Based puzzle ( 7 member inside )	5 Q
Blood relation	3 Q
Direction	1 Q
Inequality	3 Q
Syllogism (Only Few)	3 Q
Meaningful word	1 Q
Word Pairing	1 Q
Series ( Number & alphabet )	5 Q
<b>Total</b>	<b>35 Q</b>

### Syllogism

**Direction (1-3):** In each of the questions below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with 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.

1. **Statements:** Only a few Paresh are Puri.

All Puri are Amrish.

All Rawal are Amrish.

**Conclusions: I.** Some Paresh are not Rawal.

**II.** Some Amrish are Puri.

(a) If only conclusion I follows

(b) If only conclusion II follows.

(c) If either conclusion I or II follows

(d) If neither conclusion I nor II follows.

(e) If both conclusions I and II follow

2. **Statements:** Only Letter is Post.

Some Office are not Post.

**Conclusions: I.** All post are letter is a possibility.

**II.** All Office are letter is a possibility.

(a) If only conclusion I follows

(b) If only conclusion II follows.

(c) If either conclusion I or II follows

(d) If neither conclusion I nor II follows

(e) If both conclusions I and II follow

3. **Statements:** Only Heart is Spade.

All Heart are Diamond.

Only a few Club are Spade.

**Conclusions: I.** Only a few Diamond are Club.

**II.** Some Heart are not Club.

(a) If only conclusion I follows.

(b) If only conclusion II follows

(c) If either conclusion I or II follows

(d) If neither conclusion I nor II follows

(e) If both conclusions I and II follow.

### Alphanumeric Series

**Directions (4-7):** Study the following alphanumeric series carefully and answer the questions given below:

**A 2 M % N V # H 3 5 J \* 3 B H @ 2 7 P 1 \$ W & \* 3 Y 4**

4. How many such numbers are there which is preceded by alphabets and followed by symbols?

(a) None

(b) One

(c) Two

(d) Three

(e) More than three

5. Which of the following element is 15<sup>th</sup> from right end of the series?

(a) J.

(b) H

(c) 3

(d) B

(e) None of these

6. If all numbers are eliminated from the series then, which of the following element is 11<sup>th</sup> from left end of the series?

(a) B.

(b) H.

- (c) 3  
(d) W.  
(e) None of these
7. How many such symbols are there which is preceded by numbers and followed by vowels?  
(a) None  
(b) One  
(c) Two  
(d) Three  
(e) More than three
8. How many pairs of letters are there in the word "MISFORTUNE" which has as many letters between them as we have in the English alphabetical series (from both forward and backward direction)?  
(a) Two  
(b) One  
(c) Three  
(d) None  
(e) More than three
9. If it is possible to make only one meaningful word with the 1st, 2nd, 5th and 7th letters of the word 'PERPENDICULAR' which would be the second letter of the word from the right? If more than one such word can be formed give 'Y' as the answer. If no such word can be formed, give 'Z' as your answer.  
(a) Y  
(b) E  
(c) P  
(d) Z  
(e) D

### Blood Relation

**Directions (10-12):** Directions: Study the following information carefully and answer the questions given below:

There are nine members in a family of three generations. A is the mother of B. B has two children. C is the spouse of H. E is the mother-in-law of G. I is the only unmarried person of the family. C is the only daughter of D. D is the spouse of A. F is the only nephew of C. G is sister-in-law of I.

10. How is B related to I?  
(a) Father  
(b) Mother  
(c) Sister  
(d) Brother  
(e) None of these
11. How many female members are there in the family?  
(a) Four  
(b) Five  
(c) Three  
(d) Six

- (e) Either (a) or (b)
12. If N is the child of C, then how is A related to N?
- (a) Grandmother  
 (b) Mother-in-law  
 (c) Sister  
 (d) Sister-in-law  
 (e) None of these

### Inequality

**Directions (13-15):** In these questions, relationship between different elements is shown in the statements. These statements are followed by two conclusions.

Mark answer as

- (a) If only conclusion I follows.  
 (b) If only conclusion II follows.  
 (c) If either conclusion I or II follows.  
 (d) If neither conclusion I nor II follows.  
 (e) If both conclusions I and II follow.

13. Statements:  $A > B \geq C \geq D < E$ ;  $D = M > O$

Conclusions: I.  $E > O$

II.  $A \geq D$

14. Statements:  $X > Y < Z < O > P$

Conclusions: I.  $O > Y$

II.  $X > P$

15. Statements:  $L < M < T \leq Q < R > S$ ;  $Q > P$

Conclusions: I.  $P < S$

II.  $P \geq S$

**Directions 16:** Study the following information carefully and answer the questions given below:

Shivani starts walking from point D. She walks 10m in South and reaches at point E then she turns right and walk 6m to reach point F. Now, she walks 8m in North and reaches at point G. Finally, she takes left turn and walk 4m to reach point H.

16. Point H is in which direction with respect to point D?

- (a) West  
 (b) South-west  
 (c) North-west

- (d) East  
(e) None of these

### Parallel Rows

#### Direction (17-21):

Ten persons sit on two parallel rows. A,B,C,D,E sit in row 1 and face in the south direction. P,Q,R,S,T sit in row 2 and face north direction.

P sits second to the right of Q and one of them sits at one of the extreme ends of the row. E faces the one who is an immediate neighbor of P. Two persons sit between S and R. The person who sits second to the left of D faces R. A faces S. T does not face D. C does not face R.

17. Which of the following pair of persons sit at the extreme end of the row?

- (a) B,E  
(b) C,P  
(c) R,Q  
(d) D,A  
(e) S,R

18. Which of the following is a true statement?

- (a) C sits at an extreme end of row.  
(b) D faces Q.  
(c) R sits second right of P.  
(d) Both (a) and (c)  
(e) Both (a) and (b)

19. Four of the following five are alike in a certain way and hence form a group which of the following does not belong to the group?

- (a) A-P  
(b) T-D  
(c) E-R  
(d) S-C  
(e) B-R

20. Who among the following person faces D?

- (a) P.  
(b) The one who sits just right of T  
(c) S.  
(d) The one who sits just left of S.  
(e) Q.

21. Which of the following is not true regarding B?

- I. B sits immediate right of D.  
II. B sits at one of the extreme end.  
III. B faces R.

- (a) Only III  
(b) Only I  
(c) Both I and II  
(d) Both II and III

(e) All I, II, III

### Floor Based Seating

**Directions (22-26):** Study the following information carefully and answer the questions given below:

Seven people P, Q, R, S, T, U and V live on separate floors of a 7-floor building but not necessarily in the same order. Ground floor is as 1<sup>st</sup> floor, just above floor is as 2<sup>nd</sup> floor and so on until the topmost floor as 7<sup>th</sup> floor. V does not live on an odd numbered floor. Two floors gap between S and V, who lives above of S. There is one floor gap between R and T. Q lives just above the floor in which U lives. More than three floors gap between R and U. R lives above of the U's floor. The number of floors above the P's floor is same as below to the U's floor.

22. How many floors gap between P and Q?

- (a) Two
- (b) None
- (c) Four
- (d) Five
- (e) None of these

23. Who among the following person lives on the 3<sup>rd</sup> floor?

- (a) T.
- (b) U.
- (c) Q.
- (d) V.
- (e) None of these

24. Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?

- (a) R.
- (b) T.
- (c) S.
- (d) Q
- (e) P.

25. The number of floors gap between U and V is same as the number of floors gap between Q and \_\_\_?

- (a) S.
- (b) V
- (c) R
- (d) P
- (e) U

26. If all the persons are living in alphabetical order from top to bottom, then how many persons remain at the same position ?

- (a) Five
- (b) One
- (c) None

- (d) Three
- (e) Four

### Uncertain Seating

**Directions (27-30): Study the following information carefully and answer the questions given below:**

A certain number of persons are sitting in a row facing to the north. There are four persons sit between P and R, who sits at one of the ends. B sits 3<sup>rd</sup> to the left of Q. There is one person sits between B and K. L sits 4<sup>th</sup> to the left of K. M sits immediate left of P. There are two persons sit between Q and M. At least 15 persons sit between L and R. There is one person sits between R and T. U sits 2<sup>nd</sup> from one of the end. There is one person sits between U and L.

27. How many persons are seated between U and B?

- (a) Six
- (b) Five
- (c) Eight
- (d) Seven
- (e) Nine

28. What is the position of K with respect to Q?

- (a) 5<sup>th</sup> to the left
- (b) 3<sup>rd</sup> to the left
- (c) 4<sup>th</sup> to the right
- (d) 2<sup>nd</sup> to the right
- (e) None of these

29. How many persons are seated to the right of B?

- (a) 19
- (b) 11
- (c) 17
- (d) 12
- (e) Can't be determined

30. If the position of M and T are interchanged, then how many persons sit between T and B?

- (a) 3/3
- (b) 4/4
- (c) 5/5
- (d) 6/6
- (e) 8/8



**Circular Based**

**Directions(31 - 35):** Read the following information carefully and answer these questions:

A,B,C,D,E,F and G are sitting in a circle facing at the centre and having Dinner. G is not between F and C. F is to the immediate right of A. E is neighbour of A and D. B is second to the left of G.

Q.31. Which of the following does not have the pair of persons sitting adjacent to each other?

- (a) BA
- (b) CB
- (c) DE
- (d) GD
- (e) GA

Q.32. Which of the following pairs has the second person sitting immediately to the right of the first?

- (a) AB
- (b) CB
- (c) EA
- (d) None of these
- (e) AF

Q33. What is the position of F?

- (a) Second to the left of C
- (b) Second to the right of C
- (c) To the immediate left of A
- (d) To the immediate right of B
- (e) None

Q34. Who are the neighbours of B?

- (a). A and F

- (b). C and D  
 (c). F and C  
 (d). None of these  
 (e) B and A

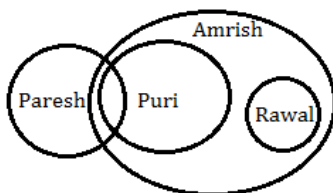
35. Which of the following persons are sitting adjacent to each other in clockwise order as shown?

- (a). BGC  
 (b). FBC  
 (C). CDG  
 (d). EDG  
 (e) None

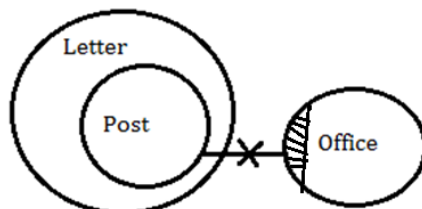
### Solution

**Direction (1-3):**

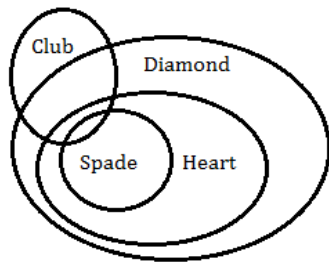
1. Ans. b  
 Exp.



2. Ans. b  
 Exp.



3. Ans. a  
 Exp.



**Direction (4-7):**

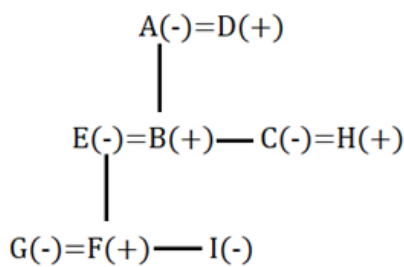
- 4. Ans. b  
Exp. P1\$
- 5. Ans. c  
Exp. 3
- 6. Ans. b  
Exp. H.
- 7. Ans. a  
Exp. None
- 8. Ans. a

M I S F O R T U N E  
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- 9. Ans. a  
Exp. Deep and peed

**Direction (10-12):**

- 10. Ans. a



- 11. Ans. b
- 12. Ans. a

**Direction (13-15):**

- 13. Ans. a  
I.E > O(True)  
II.A ≥ D(False)
- 14. Ans. a

Exp. I.O > Y(True)

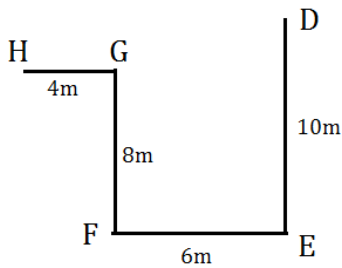
II.X > P(False)

15. Ans. c

I.P < S (False)

II.P ≥ S(False)

16. Ans. b



Direction (17-21):

17. Ans. c

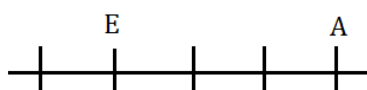
18. Ans. d

19. Ans. e

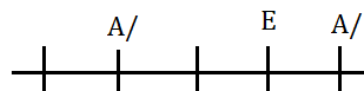
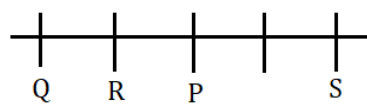
20. Ans. a

21. Ans. d

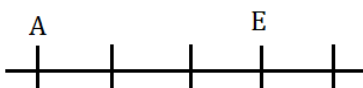
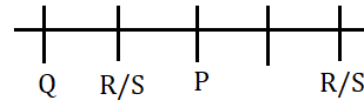
Exp. From the given statement, P sits Second to the right of Q and one of them sits at one of the extreme ends of the row. E faces the one who is an immediate neighbor of P. Two persons sit between S and R. A faces S. So we have three possible cases:



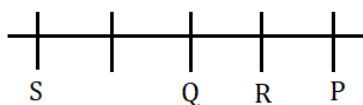
case-1



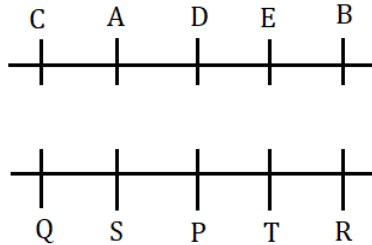
case-2



case-3



The person who sits second to the left of D faces R. Thus case-1 is eliminated. T does not face D. So, case-3 is eliminated. C does not face R. Hence the final arrangement is:



**Direction (22-26):**

22. Ans. a

23. Ans. c

24. Ans. e

25. Ans. a

26. Ans. b

**Direction (27-30)**

27.

28.

29.

30.

Exp. From the given statements, V does not live on an odd numbered floor. Two floors gap between S and V, who lives above of S. Here we get 2 possibilities i.e. Case 1 and Case 2. There is one floor gap between R and T. Q lives just above the floor in which U lives. More than three floors gap between R and U. R lives above of the U's floor.

Floors	Case 1	Case 2
	Persons	Persons
7	R	R
6	V	
5	T	T
4		V
3	S	Q
2	Q	U
1	U	S

From the given statements, the number of floors above the P's floor is same as below to the U's floor.

From this condition Case 1 is ruled out now.

So, the final arrangement is such as-

Floors	Persons
7	R
6	P
5	T
4	V
3	Q
2	U
1	S

**Direction (27-30)**

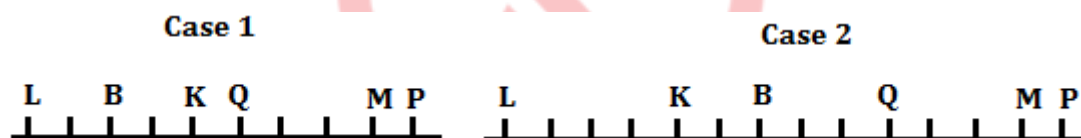
27. Ans. d

28. Ans. a

29. Ans. d

30. Ans. c

Exp. From the given statements, B sits 3<sup>rd</sup> to the left of Q. There is one person sits between B and K. We get 2 possibilities now – Case 1 and Case 2. L sits 4<sup>th</sup> to the left of K. There are two persons sit between Q and M. M sits immediate left of P.



From the given statements, there are four persons sit between P and R, who sits at one of the ends. At least 15 persons sit between L and R. Now Case 1 is ruled out now. There is one person sits between R and T. U sits 2<sup>nd</sup> from one of the end. There is one person sits between U and L.

So, the final arrangement-

**Direction (31-35):**

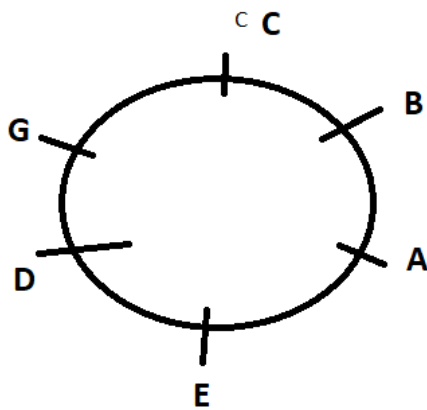
31. Ans. A

32. Ans. C

33. Ans. A

34. Ans. C

35. Ans. D



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