

SBI Clerk Main and RBI Assistant Main Exam 2020

Important PDF of Reasoning Ability



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

A building has eight floors from 1 to 8 in such a way that ground floor is numbered 1, the above floor is numbered 2 and so on. The topmost floor is numbered 8. Eight persons S, T, U, V, W, X, Y and Z are staying each on one of these floors. X is staying on floor 6. There is a gap of three persons between S and V. Z is staying on the topmost floor. W is staying in the middle of T and U. V is staying on floor 1. U is not an immediate neighbor of S.

1. If all persons are arranged in alphabetical order from floor 1 then who will occupy floor 5?

- A. S
- B. W
- C. V
- D. U
- E. T

2. Immediate neighbors of the person who is staying in floor 3?

- A. V and T
- B. X and T
- C. S and U
- D. T and U
- E. Y and S

Direction (3 – 7) : In the following questions, relationships between different elements are shown in the statements. These statements are followed by two conclusions. Give answer.

3. Statements

$A < J = N; H \geq Y \geq I > S = N$

Conclusions:

- I. $S = J$
- II. $S > J$
- A. Only conclusion I is true
- B. Only conclusion II is true
- C. Either conclusion I or conclusion II is true
- D. Neither conclusion I nor conclusion II is true
- E. Both the conclusion I and conclusion II are true

4. Statements:

$T \geq J \geq F; U < J \geq H = S$

Conclusions:

- I. $S > F$

II. $T \geq H$

- A. Only conclusion I is true
- B. Only conclusion II is true
- C. Either conclusion I or conclusion II is true
- D. Neither conclusion I nor conclusion II is true
- E. Both the conclusion I and conclusion II are true

5. Statements:

$Y \geq U \geq H = Q; R \geq U = M$

Conclusions:

- I. $M > Q$
- II. $M = Q$
- A. Only conclusion I is true
- B. Only conclusion II is true
- C. Either conclusion I or conclusion II is true
- D. Neither conclusion I nor conclusion II is true
- E. Both the conclusion I and conclusion II are true

6. Statements:

$L \leq F = G < W; H < S \leq L$

Conclusions:

- I. $S \leq G$
- II. $W > H$
- A. Only conclusion I is true
- B. Only conclusion II is true
- C. Either conclusion I or conclusion II is true
- D. Neither conclusion I nor conclusion II is true
- E. Both the conclusions I and II are true

7. Statements:

$T < U \leq V < W; X \leq Y = W > Z$

Conclusions:

- I. $X > U$
- II. $Z < T$
- A. Only conclusion I follow.
- B. Only conclusion II follows.
- C. Either conclusion I or conclusion II follows.
- D. Neither conclusion I nor conclusion II follows.
- E. Both conclusions I and II follow.

Direction (8 – 12) : Study the following information and answer the questions given below it.

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Seven people - A, B, C, D, E, F and G are sitting in a circle. Five of them are facing the centre while two of them are facing opposite to the centre. C sits third to the left of D and both are facing the centre. E is neither an immediate neighbor of D nor of C. The one sitting exactly between D and F is facing opposite to centre. G sits third to the right of A and G is facing the centre. One of B's neighbors is facing opposite to the centre.

8. Which of the following pairs represents persons facing opposite to the centre?

- A. A and F
- B. E and F
- C. A and E
- D. Cannot be determined
- E. None of these

9. Who is sitting second to the left of A?

- A. C
- B. G
- C. E
- D. B
- E. None of these

10. Who is sitting to the immediate left of E ?

- A. C
- B. G
- C. B
- D. A
- E. None of these

11. What is the position of F with respect to B?

- A. Fourth to the left
- B. Second to the right
- C. Third to the right
- D. Second to the left
- E. None of these

12. If all the persons are asked to sit in a clockwise direction in an alphabetical order starting from A, the position of how many will remain unchanged, excluding A?

- A. THREE
- B. ONE
- C. TWO
- D. NONE
- E. FOUR

Direction (13 – 17) : Read the following information carefully and answer the questions.

In a certain code,
'the day of life' is written as **'na sa ma qa'**.

'life common of man' is written as **'ra ma ta sa'**.

'the power of man' is written as **'pa ma qa ra'**.

13. What is the code for 'power'?

- A. ra
- B. qa
- C. ma
- D. pa
- E. Cannot be determined

14. What does 'sa' stand for ?

- A. of
- B. life
- C. day
- D. common
- E. man

15. Which of the following may represent 'the man of life'?

- A. qa ra ta sa
- B. ra na ma qa
- C. sa ra ma qa
- D. ra qa sa na
- E. ra ta na ma

16. What does 'ta' stand for?

- A. life
- B. man
- C. of
- D. common
- E. The

17. 'qa pa ra' would mean?

- A. the man power
- B. man for day
- C. power of advise
- D. day of life
- E. large man power

Direction (18 – 22) : Study the information given below and answer the questions based on it.

Eight persons A, B, C, D, E, F, G and H are going to visit different cities i.e. Indore, Mumbai, Pune, Bhopal, Delhi, Kolkata, Goa and Jaipur, not necessarily in the same order. E is going to visit Delhi and A is going to visit Jaipur. C is not going to visit Pune or Bhopal. B is not going to visit Pune or Mumbai. F is going to visit Goa. G is not going to visit Mumbai or Bhopal. H is not going to visit Pune, Mumbai or Indore. G is not going to visit Pune or Indore.

18. Who among the following is going to Kolkata?

- A. A
- B. B

C. D
E. G

D. F

19. B is going to visit which city?
A. Bhopal
B. Indore
C. Kolkata
D. Pune
E. Delhi

20. Which of the following combination is correct?
A. B-Mumbai
B. D-Indore
C. H-Bhopal
D. None is true
E. D-Kolkata

21. Which of the following combination is not correct?
A. D-Pune
B. All are correct
C. G-Kolkata
D. B-Mumbai
E. H-Bhopal

22. Who among the following is going to visit Mumbai?
A. A
B. B
C. C
D. G
E. H

Direction (23 – 26) : Study the information given below and answer the questions based on it.

There are nine family members in a family i.e. A, B, C, D, E, F, G, H and I. It is a three-generation family and 3 married couples are there in the family. F is the son of D's daughter. A is the sister-in-law of D. B is the wife of H. E is the father of C. E has two daughters. I is the granddaughter of D. G is the father of F. I is not the daughter of G.

23. How is A related to E?
A. Daughter
B. Mother
C. Sister
D. Granddaughter
E. Wife

24. Which of the following doesn't belong to the group?
A. E
B. G
C. D
D. H
E. F

25. If Q is married to A then how is Q related to E?
A. Son-in-law
B. Sister-in-law

C. Mother
E. Father

D. Brother-in-law

26. How is F related to B?
A. Nephew
B. Niece
C. Son
D. Grandson
E. Brother

27. Pointing a photograph, Sheela said, he is the only son of my grandfather's son. How is the boy in the photograph related to Sheela?
A. Brother
B. Cousin
C. Son
D. Cannot be determined
E. None of these

Direction (28 – 32) : Study the information given below and answer the questions based on it.

Eight persons A, B, C, D, E, F, G and H are sitting in a straight line and facing north. They are sitting according to their heights and their heights are in descending order from left to the right end. B is taller to F and A. Three persons are sitting between A and D. C is taller to E but shorter to G. One person is sitting between G and F. A is taller to G. E is not the shortest person. E is taller to D. The number of persons sitting between B and G is the same as between H and A.

28. Who among the following is the tallest person?
A. B
B. F
C. H
D. A
E. D

29. How many persons are sitting between F and C?
A. 0
B. 1
C. 2
D. 3
E. 4

30. How many persons are taller to A?
A. 0
B. 1
C. 2
D. 3
E. 4

31. Which of the following is True?
A. D is the shortest person

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- B. Only two persons are shorter to A
- C. E is taller to B
- D. F is shorter to C
- E. Two persons are sitting between B and C

32. Who among the following is 3rd to the left of E?
- A. A
 - B. B
 - C. D
 - D. F
 - E. H

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###ANSWERS###

1. Ans. B.

Floor No.	Persons
8	Z
7	Y
6	X
5	S
4	T
3	W
2	U
1	V

2. Ans. D.

Floor No.	Persons
8	Z
7	Y
6	X
5	S
4	T
3	W
2	U
1	V

T and U are the Immediate neighbors of the person who is staying in floor 3

3. Ans. A.

S = N = J

4. Ans. B.

I. $F \leq J \geq H = S$

This shows there is no relation between S and F.

$T \geq J \geq H$

This shows T is greater than equal to H.

5. Ans. C.

$M = U \geq H = Q$

6. Ans. E.

$H < S \leq L \leq F = G < W$

Conclusions:

I. $S \leq G$ - True

II. $W > H$ - True

7. Ans. D.

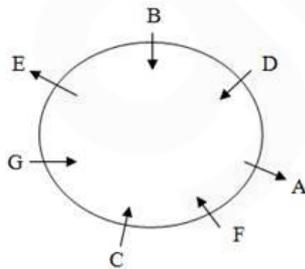
For conclusion I:

$X \leq Y = W > V \geq U > T$

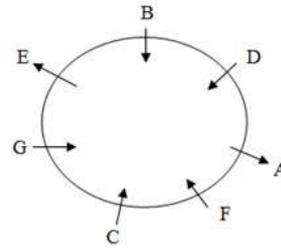
For conclusion II:

$Z < W > V \geq U > T$

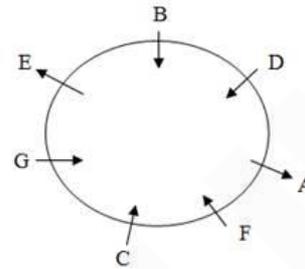
8. Ans. C.



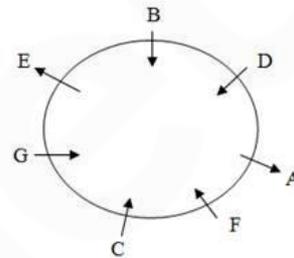
9. Ans. D.



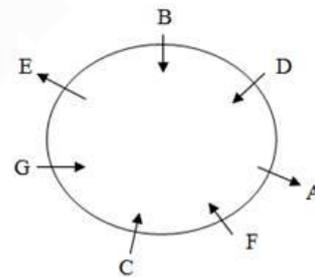
10. Ans. B.



11. Ans. E.



12. Ans. C.



13. Ans. D.

Word	the	day	of	life	common	man	power
Code	qa	na	ma	sa	ta	ra	pa

14. Ans. B.

Word	the	day	of	life	common	man	power
Code	qa	na	ma	sa	ta	ra	pa

15. Ans. C.

Word	the	day	of	life	common	man	power
Code	qa	na	ma	sa	ta	ra	pa

16. Ans. D.

Word	the	day	of	life	common	man	power
Code	qa	na	ma	sa	ta	ra	pa

17. Ans. A.

Word	the	day	of	life	common	man	power
Code	qa	na	ma	sa	ta	ra	pa

18. Ans. E.

• E is going to visit Delhi and A is going to visit Jaipur. F is going to visit Goa.

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- C is not going to visit Pune or Bhopal.
 - B is not going to visit Pune or Mumbai.
 - G is not going to visit Mumbai or Bhopal.
- G is not going to visit Pune or Indore.
 • H is not going to visit Pune, Mumbai or Indore.

Person	Cities
A	Jaipur
B	Pune(x)Mumbai(x)
C	Pune(x)Bhopal(x)
D	
E	Delhi
F	Goa
G	Pune(x)Mumbai(x) Bhopal(x)Indore(x)
H	Pune(x)Mumbai(x) Indore(x)

(x)-means not going

Now D must going to Pune. C must going to Mumbai. H must going to Bhopal. G is not going to Indore then B is going to Indore and G is going to Kolkata.

Here is the final table:

Person	Cities
A	Jaipur
B	Indore
C	Mumbai
D	Pune
E	Delhi
F	Goa
G	Kolkata
H	Bhopal

G is going to Kolkata.

Hence, option E.

19. Ans. B.

- E is going to visit Delhi and A is going to visit Jaipur. F is going to visit Goa.
 - C is not going to visit Pune or Bhopal.
 - B is not going to visit Pune or Mumbai.
 - G is not going to visit Mumbai or Bhopal.
- G is not going to visit Pune or Indore.
 • H is not going to visit Pune, Mumbai or Indore.

Person	Cities
A	Jaipur
B	Pune(x)Mumbai(x)
C	Pune(x)Bhopal(x)
D	
E	Delhi
F	Goa
G	Pune(x)Mumbai(x) Bhopal(x)Indore(x)
H	Pune(x)Mumbai(x) Indore(x)

(x)-means not going

Now D must going to Pune. C must going to Mumbai. H must going to Bhopal. G is not going to Indore then B is going to Indore and G is going to Kolkata.

Here is the final table:

Person	Cities
A	Jaipur
B	Indore
C	Mumbai
D	Pune
E	Delhi
F	Goa
G	Kolkata
H	Bhopal

B is going to Indore.

Hence, option B.

20. Ans. C.

- E is going to visit Delhi and A is going to visit Jaipur. F is going to visit Goa.
 - C is not going to visit Pune or Bhopal.
 - B is not going to visit Pune or Mumbai.
 - G is not going to visit Mumbai or Bhopal.
- G is not going to visit Pune or Indore.
 • H is not going to visit Pune, Mumbai or Indore.

Person	Cities
A	Jaipur
B	Pune(x)Mumbai(x)
C	Pune(x)Bhopal(x)
D	
E	Delhi
F	Goa
G	Pune(x)Mumbai(x) Bhopal(x)Indore(x)
H	Pune(x)Mumbai(x) Indore(x)

(x)-means not going

Now D must going to Pune. C must going to Mumbai. H must going to Bhopal. G is not going to Indore then B is going to Indore and G is going to Kolkata.

Here is the final table:

Person	Cities
A	Jaipur
B	Indore
C	Mumbai
D	Pune
E	Delhi
F	Goa
G	Kolkata
H	Bhopal

H is going to Bhopal.

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Hence, option C.

21. Ans. D.

- E is going to visit Delhi and A is going to visit Jaipur. F is going to visit Goa.
- C is not going to visit Pune or Bhopal.
- B is not going to visit Pune or Mumbai.
- G is not going to visit Mumbai or Bhopal.
- G is not going to visit Pune or Indore.
- H is not going to visit Pune, Mumbai or Indore.

Person	Cities
A	Jaipur
B	Pune(x)Mumbai(x)
C	Pune(x)Bhopal(x)
D	
E	Delhi
F	Goa
G	Pune(x)Mumbai(x) Bhopal(x)Indore(x)
H	Pune(x)Mumbai(x) Indore(x)

(x)-means not going

Now D must going to Pune. C must going to Mumbai. H must going to Bhopal. G is not going to Indore then B is going to Indore and G is going to Kolkata.

Here is the final table:

Person	Cities
A	Jaipur
B	Indore
C	Mumbai
D	Pune
E	Delhi
F	Goa
G	Kolkata
H	Bhopal

B is not going to Mumbai.

Hence, option D.

22. Ans. C.

- E is going to visit Delhi and A is going to visit Jaipur. F is going to visit Goa.
- C is not going to visit Pune or Bhopal.
- B is not going to visit Pune or Mumbai.
- G is not going to visit Mumbai or Bhopal.
- G is not going to visit Pune or Indore.
- H is not going to visit Pune, Mumbai or Indore.

Person	Cities
A	Jaipur
B	Pune(x)Mumbai(x)
C	Pune(x)Bhopal(x)
D	
E	Delhi
F	Goa
G	Pune(x)Mumbai(x) Bhopal(x)Indore(x)
H	Pune(x)Mumbai(x) Indore(x)

(x)-means not going

Now D must going to Pune. C must going to Mumbai. H must going to Bhopal. G is

not going to Indore then B is going to Indore and G is going to Kolkata.

Here is the final table:

Person	Cities
A	Jaipur
B	Indore
C	Mumbai
D	Pune
E	Delhi
F	Goa
G	Kolkata
H	Bhopal

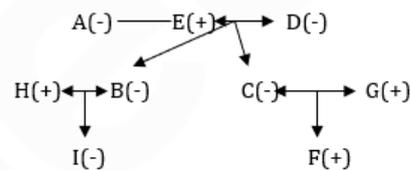
C is going to visit Mumbai.

Hence, option C.

23. Ans. C.

F is son of D's daughter. G is father of F. So G is son-in-law of D. A is sister-in-law of D. I is granddaughter of D. I is not daughter of G.

As there are three couples and E has two daughters so one must be C and other must be B and E is husband of D.



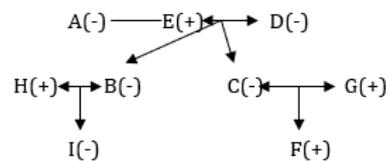
A is sister of E.

Hence, option C.

24. Ans. C.

F is son of D's daughter. G is father of F. So G is son-in-law of D. A is sister-in-law of D. I is granddaughter of D. I is not daughter of G.

As there are three couples and E has two daughters so one must be C and other must be B and E is husband of D.



All the persons are males except D.

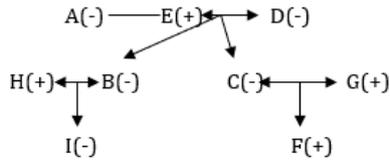
Hence, option C.

25. Ans. D.

F is son of D's daughter. G is father of F. So G is son-in-law of D. A is sister-in-law of D. I is granddaughter of D. I is not daughter of G.

As there are three couples and E has two daughters so one must be C and other must be B and E is husband of D.

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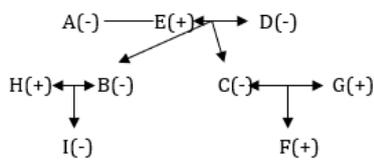


Q will be brother-in-law of E.
Hence, option D.

26. Ans. A.

F is son of D's daughter. G is father of F. So G is son-in-law of D. A is sister-in-law of D. I is granddaughter of D. I is not daughter of G.

As there are three couples and E has two daughters so one must be C and other must be B and E is husband of D.



F is nephew of B.

Hence, option A.

27. Ans. D.

The boy in the photograph is the only son of Sheela's grandfather's only son i.e., Sheela's grandfather's son is either her father or her uncle. Hence, the boy in the photograph is either her brother or her cousin.

28. Ans. C.

All the persons are sitting according to their heights and their heights are in descending order from left to the right end. It means the one who is sitting at the left end is the tallest and the one who is at the right end is the shortest person. C is taller to E but shorter to G. A is taller to G. E is taller to D. Three persons are sitting between A and D. It means A is taller to D then A is 4th to the left of D.

A G C E D Case 1

One person is sitting between G and F. So F is 2nd to the left of G. B is taller to F and A. So B must be left of F. So either B is at the left end or 2nd from the left end. The number of persons are sitting between B and G is same as H and A. Then B must be 2nd from the left end and H is at the left end and the tallest person.

Here is the final arrangement:

H B F A G C E D Case 1

H is the tallest person.

Hence, option C.

29. Ans. C.

All the persons are sitting according to their heights and their heights are in descending order from left to the right end. It means the one who is sitting at the left end is the tallest and the one who is at the right end is the shortest person. C is taller to E but shorter to G. A is taller to G. E is taller to D. Three persons are sitting between A and D. It means A is taller to D then A is 4th to the left of D.

A G C E D Case 1

One person is sitting between G and F. So F is 2nd to the left of G. B is taller to F and A. So B must be left of F. So either B is at the left end or 2nd from the left end. The number of persons are sitting between B and G is same as H and A. Then B must be 2nd from the left end and H is at the left end and the tallest person.

Here is the final arrangement:

H B F A G C E D Case 1

Two persons are sitting between F and C. Hence, option C.

30. Ans. D.

All the persons are sitting according to their heights and their heights are in descending order from left to the right end. It means the one who is sitting at the left end is the tallest and the one who is at the right end is the shortest person. C is taller to E but shorter to G. A is taller to G. E is taller to D. Three persons are sitting between A and D. It means A is taller to D then A is 4th to the left of D.

A G C E D Case 1

One person is sitting between G and F. So F is 2nd to the left of G. B is taller to F and A. So B must be left of F. So either B is at the left end or 2nd from the left end. The number of persons are sitting between B and G is same as H and A. Then B must be 2nd from the left end and H is at the left end and the tallest person.

Here is the final arrangement:

H B F A G C E D Case 1

Three persons are taller to D.

Hence, option D.

31. Ans. A.

All the persons are sitting according to their heights and their heights are in descending order from left to the right end. It means the one who is sitting at the left end is the tallest and the one who is at the right end is the shortest person. C is taller to E but shorter to G. A is taller to G. E is taller to D. Three persons are sitting between A and D. It means A is taller to D then A is 4th to the left of D.

A G C E D Case 1

One person is sitting between G and F. So F is 2nd to the left of G. B is taller to F and A. So B must be left of F. So either B is at the left end or 2nd from the left end. The number of persons are sitting between B and G is same as H and A. Then B must be 2nd from the left end and H is at the left end and the tallest person.

Here is the final arrangement:

H B F A G C E D Case 1

D is the shortest person.

Hence, option A.

32. Ans. A.

All the persons are sitting according to their heights and their heights are in descending order from left to the right end. It means the one who is sitting at the left end is the tallest and the one who is at the right end is the shortest person. C is taller to E but shorter to G. A is taller to G. E is taller to D. Three persons are sitting between A and D. It means A is taller to D then A is 4th to the left of D.

A G C E D Case 1

One person is sitting between G and F. So F is 2nd to the left of G. B is taller to F and A. So B must be left of F. So either B is at the left end or 2nd from the left end. The number of persons are sitting between B and G is same as H and A. Then B must be 2nd from the left end and H is at the left end and the tallest person.

Here is the final arrangement:

H B F A G C E D Case 1

A is 3rd to the left of E.

Hence, option A.

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