

SBI Clerk 2018 Reasoning Ability Previous Year Ques. Paper

1.If each vowel of the word NICELY is changed to the next letter in the English alphabetical series and each consonant is changed to the previous letter in the English alphabetical series and then the letters are arranged in an alphabetical order, then which of the following will be the fourth letter from the left end?

- A. M
- B. J
- C. B
- D. O
- E. K

Direction: (2-6) The questions are based on the six three-digit numbers given below.

648 384 296 444 763 521

2. If we interchange the first and the second digits with each other of each number (digits are counted from left), then which of the following will be the third lowest number (original number)?

- A. 384
- B. 444
- C. 648
- D. 763
- E. None of these

Direction: Study the information given below and answer the questions based on it.

Twelve people are sitting in two parallel rows containing six people each, in such a way that there is an

equal distance between adjacent persons. In row 1, M, N, O, P, Q and R seated and all of them are facing south. In row 2, A, B, C, D, E and F are seated and all of them are facing north. Each member in row 1 is facing another member of row 2. Two persons are sitting between M and N. Neither of them is at the corner. The one who is facing D is a neighbour of N. O is 2nd to the right of Q. O is not a neighbour of N. The one, who is facing O is 2nd to the left of F. More than two people sit between C and B. More than 2 people sit between E and the one, who is facing M. The immediate neighbour of R is facing B. P is not sitting at an extreme end of the line.

3. Who among the following does not belong to the group?

- A. O
- B. C
- C. B
- D. E
- E. R

4. Who is facing P?

- A. A
- B. F
- C. B
- D. D
- E. C

Direction: Read the following information carefully and answer the questions that follow.

P, Q, R, S, T, U, V, and W are eight different boxes. They are arranged



in such a manner that Box 1 is at the bottom, the box 2 is above it and so on such that the topmost box is box number 8. R is box number 3. There are only two boxes between the box R and the box V. Box W is placed immediately above the Box Q. There is only one box between the box T and the box U. Box T is placed above box U. There is only one box between the Box R and Box S. Box S is somewhere below Box T.

5. Which among the following box is the fifth numbered box?

- A. S
- B. Q
- C. W
- D. P
- E. V

6. Which among the following box is exactly between the boxes R and S?

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

7. Which among the following is the topmost box?

- A. T
- B. Q
- C. W
- D. R
- E. V

Direction: Read the following information carefully and answer the questions that follow.

Seven teachers of a school - Garima, Hitesh, Ipsita, Jatin, Kriti, Lokesh, and Mahesh - teach three different subjects i.e. History, Economics, and Chemistry. Each of them teaches on different days of the week (no two persons teach on the same day), starting on Monday and ending on Sunday. The minimum two persons teach each subject and History is the only subject which is taught by three persons. History is taught by Garima on Monday. Lokesh teaches Economics but neither on Tuesday nor on Saturday. Mahesh teaches on Sunday but not Chemistry. The one who teaches Economics does that on Tuesday and the one who teaches Chemistry does that on Saturday. Kriti teaches on Wednesday. Ipsita teaches History but not on Thursday. Hitesh did not teach Chemistry.

8. What is true regarding Hitesh?

- A. History-Wednesday
- B. Economics-Friday
- C. Economics-Thursday
- D. Economics-Tuesday
- E. None of these

9. Whose lecture was on the last day?

- A. Garima
- B. Ipsita
- C. Mahesh
- D. Hitesh
- E. None of these



Directions: Study the information given below and answer the questions based on it.

There are eight members i.e. A, B, C, D, E, F, G and H in the family. It is a three generation family and there are two couples in the family. Both parents of each child are alive. F is the brother of D, who is the father of E. H is the aunt of G and daughter of C. B is the mother of G. C is the mother of F. G is a male. An equal number of males and females are there in the family.

10. How is E related to B?

- A. Father
- B. Brother
- C. Son
- D. Daughter
- E. Uncle

11. How is C related to B?

- A. Mother
- B. Sister-in-law
- C. Mother-in-law
- D. Aunt
- E. Sister

Direction: Study the information given below and answer the questions based on it.

Among five persons – S, M, N, T and D, each has a different height. Only two persons are shorter than S. T is shorter than S but taller than D. The one who is the second tallest among them is of 175 cm.

12. How many persons are shorter than N?

- A. 2
- B. 3
- C. 4
- D. Cannot be determined
- E. 1

13. How many such pair of letters are there in the word 'TROUBLED' which have as many letters between them in the word as they have between them in the English alphabet?

- A. 2
- B. 3
- C. 4
- D. 5
- E. 1

Direction: The question below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in which of the statements are sufficient to answer the question. Choose your answer from the options based on this.

14. H is the mother of T. How is T related to W?

- I. W is the only daughter of H.
- II. W is the sister of T.

A. The data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.

B. The data in statement II alone is sufficient to answer the question, while the data in statement I alone

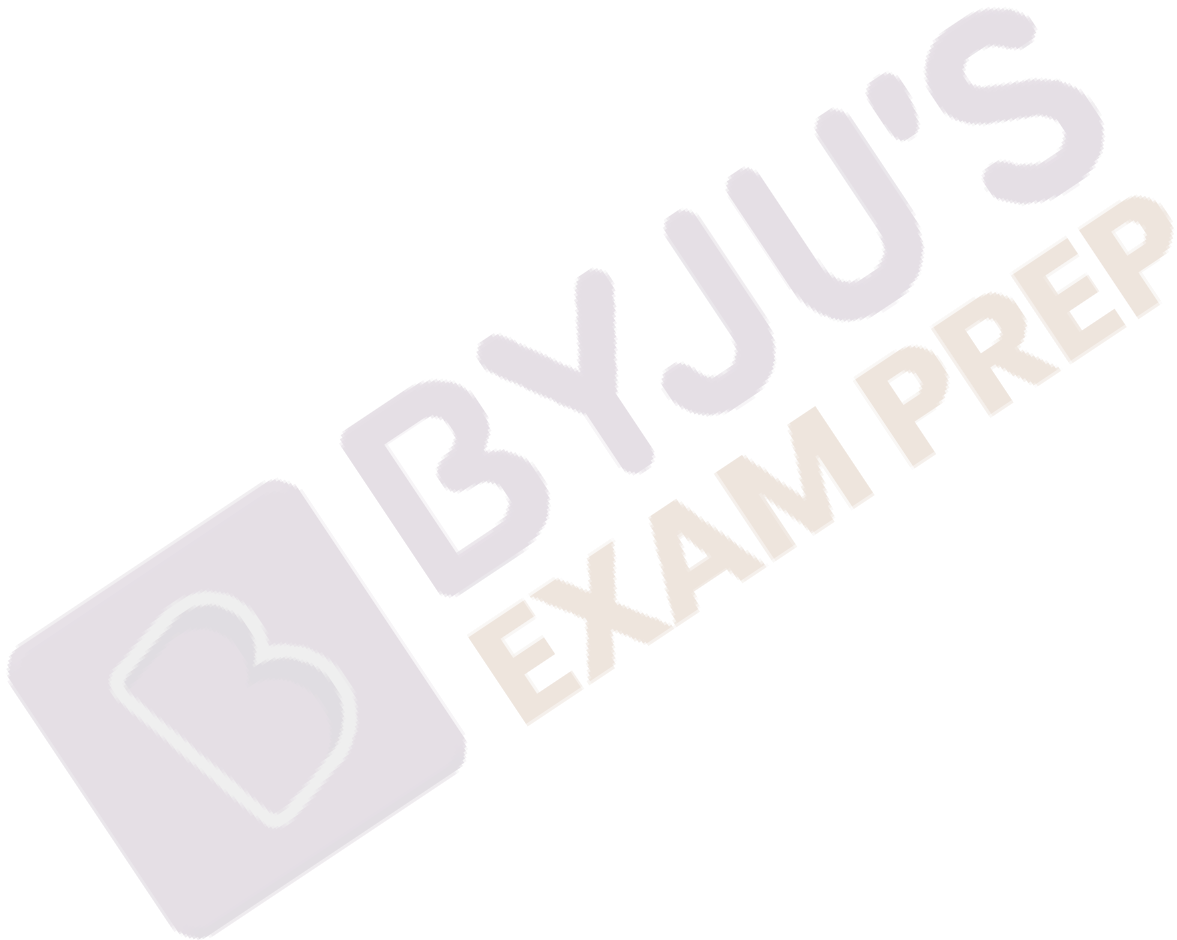


is not sufficient to answer the question.

C. The data either in statement I alone or in statement II alone is sufficient to answer the question.

D. The data in both the statement I and II together is not sufficient to answer the question.

E. The data in both statements I and II together are necessary to answer the question.



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ANSWERS

1. Ans. E.

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N I C E L Y
| | | | |
M J B F K X
    
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Thus after arranging the letters as per English alphabetical series; we get;

M J B F K X

B F J K M X

Thus 4th letter from the left end will be K.

2. Ans. C.

Given - 648 384 296 444 763 521
 Changed - 468 834 926 444 673 251

After rearranging

926 834 673 468 444 251

Hence, option C - 648 is the correct response.

3. Ans. C.

All the persons are at the end except B.

- Two persons are sitting between M and N. Neither of them is at corner. The one who is facing D is neighbor of N.

Case 1A:

Row 1		N			M	
Row 2	D					

Case 1B:

Row 1		N			M	
Row 2			D			

Case 2A:

Row 1		M			N	
Row 2						D

Case 2B:

Row 1		M			N	
Row 2				D		

Take case 1A:

O is 2nd to the right of Q. O is not neighbor of N. The one who is facing O is 2nd to the left of F. More than two people sit between C and B it means at least 3 people sit between C and B from this cannot be possible so this case gets rejected.

Row 1		N		O	M	Q
Row 2	D					F

Take case 1B:

O is 2nd to the right of Q. O is not neighbor of N. The one who is facing O is 2nd to the left of F. More than 2 people sit between E and the one who is facing M so E must be at the left end. More than two people sit between C and B it means at least 3 people sit between C and B from this cannot be possible so this case gets rejected.

Row 1		N		O	M	Q
Row 2	E		D			F

Take case 2A:

O is 2nd to the right of Q. O is not neighbor of N. The one who is facing O is 2nd to the left of F. More than 2 people sit between E and the one who is facing M it means 3 people are between them but from this cannot be possible so this case gets rejected.

Row 1	O	M	Q		N	
Row 2			F			D

Take case 2B:

O is 2nd to the right of Q. O is not neighbor of N. The one who is facing O is 2nd to the left of F. More than 2 people sit between E and the one



who is facing M so E must be at the right end. More than two people sit between C and B it means at least 3 people sit between C and B so either C or B at the left end. P is not at any corner so P is facing D and R must be at the end. The immediate neighbor of R is facing B it means N is facing B and C must be at the end and A is facing M.

Here is the final arrangement:

Row 1	O	M	Q	P	N	R
Row 2	C	A	F	D	B	E

4. Ans. D.

D is facing P.

- Two persons are sitting between M and N. Neither of them is at corner. The one who is facing D is neighbor of N.

Case 1A:

Row 1		N			M	
Row 2	D					

Case 1B:

Row 1		N			M	
Row 2			D			

Case 2A:

Row 1		M			N	
Row 2						D

Case 2B:

Row 1		M			N	
Row 2				D		

Take case 1A:

O is 2nd to the right of Q. O is not neighbor of N. The one who is facing O is 2nd to the left of F. More than two people sit between C and B it means at least 3 people sit between C and B from this cannot be possible so this case gets rejected.

Row 1		N		O	M	Q
Row 2	D					F

Take case 1B:

O is 2nd to the right of Q. O is not neighbor of N. The one who is facing

O is 2nd to the left of F. More than 2 people sit between E and the one who is facing M so E must be at the left end. More than two people sit between C and B it means at least 3 people sit between C and B from this cannot be possible so this case gets rejected.

Row 1		N		O	M	Q
Row 2	E		D			F

Take case 2A:

O is 2nd to the right of Q. O is not neighbor of N. The one who is facing O is 2nd to the left of F. More than 2 people sit between E and the one who is facing M it means 3 people are between them but from this cannot be possible so this case gets rejected.

Row 1	O	M	Q		N	
Row 2			F			D

Take case 2B:

O is 2nd to the right of Q. O is not neighbor of N. The one who is facing O is 2nd to the left of F. More than 2 people sit between E and the one who is facing M so E must be at the right end. More than two people sit between C and B it means at least 3 people sit between C and B so either C or B at the left end. P is not at any corner so P is facing D and R must be at the end. The immediate neighbor of R is facing B it means N is facing B and C must be at the end and A is facing M.

Here is the final arrangement:

Row 1	O	M	Q	P	N	R
Row 2	C	A	F	D	B	E

5. Ans. D.

Thus Box P is the 5th number box.



8 th box	W
7 th box	Q
6 th box	V
5 th box	P
4 th box	T
3 rd box	R
2 nd box	U
1 st box	S

Hence Option D is correct.

6. Ans. A.

U is placed exactly between the boxes R and S.

8 th box	W
7 th box	Q
6 th box	V
5 th box	P
4 th box	T
3 rd box	R
2 nd box	U
1 st box	S

Hence Option A is correct

7. Ans. C.

W is placed at the topmost position.

8 th box	W
7 th box	Q
6 th box	V
5 th box	P
4 th box	T
3 rd box	R
2 nd box	U
1 st box	S

Hence Option C is correct

8. Ans. D.

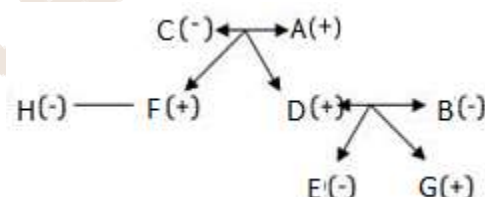
Garima	Monday	History
Hitesh	Tuesday	Economics
Ipsita	Friday	History
Jatin	Saturday	Chemistry
Kriti	Wednesday	Chemistry
Lokesh	Thursday	Economics
Mahesh	Sunday	History

9. Ans. C.

Garima	Monday	History
Hitesh	Tuesday	Economics
Ipsita	Friday	History
Jatin	Saturday	Chemistry
Kriti	Wednesday	Chemistry
Lokesh	Thursday	Economics
Mahesh	Sunday	History

10. Ans. D.

C is the mother of F. H is the aunt of G and daughter of C. So, H is the sister of F. F is the brother of D who is the father of E. So D must have a wife and C must have a husband and rest persons are not married as only two couples are there in the family. B is the mother of G and H is the aunt of G so B must be the wife of D and then A is the husband of C. As an equal number of males and females are there in the family so E is a female.



E is the daughter of B.

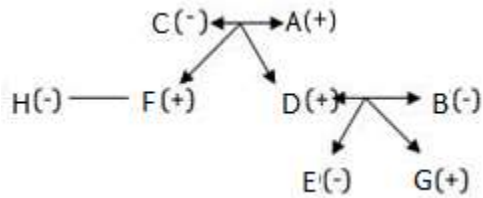
Hence, option D.

11. Ans. C.

C is the mother of F. H is the aunt of G and daughter of C. So, H is the sister of F. F is the brother of D who is the father of E. So D must have a wife and C must have a husband and rest persons are not married as only two couples are there in the family. B is the mother of G and H is the aunt of G so B must be the



wife of D and then A is the husband of C. As an equal number of males and females are there in the family so E is a female.



C is the mother-in-law of B. Hence, option C.

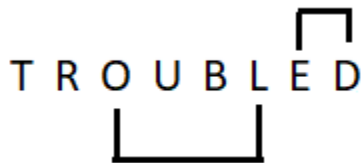
12. Ans. D.

Among five persons – S, M, N, T and D each has different height. Only two persons are shorter than S. T is shorter than S but taller than D. The one who is the second tallest among them is of 175 cm.

$S > 2\text{people}$

$D < T < S < M/N < M/N$

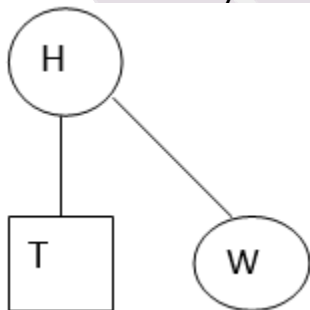
13. Ans. A.



Hence, there are two pairs.

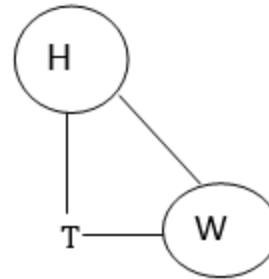
14. Ans. A.

I. W is the only daughter of H.



Since, W is the only daughter, so T is the son and T is the brother of W.

II. W is the sister of T.



So, T may be Sister or Brother of W, **So, data in Statement I alone are sufficient to answer the question.**

