

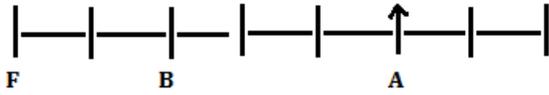


## Solutions

### Solutions (1-5):

(i) By using the given condition, A faces north. Only two people sit to the right of A. B sits third to the left of A. Only one person sits between B and F, hence there will be two possible case:

Case 1

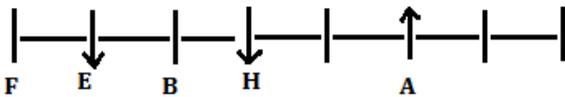


Case 2



(ii) F sits to the immediate right of E, so E faces south in case1 and north in case2. Only one person sits between E and H. Both the immediate neighbors of B face the same direction, hence in case1 H faces south and in case2 H faces north direction.

Case 1



Case 2



(iii) Using rest conditions, C sits third to the left of F, from this condition case1 will be eliminated. In case 2 F faces south and C sits at extreme end. B faces the opposite direction as A. G does not sit at any of the extremes ends of the line, hence position of G and D will be fixed. D faces the same direction as E. Both G and C face the opposite direction of H. We will get final answer.



- S1. Ans.(b)
- S2. Ans.(d)
- S3. Ans.(b)
- S4. Ans.(a)
- S5. Ans.(b)

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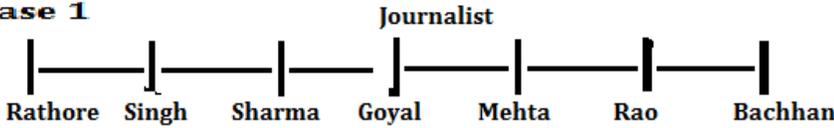
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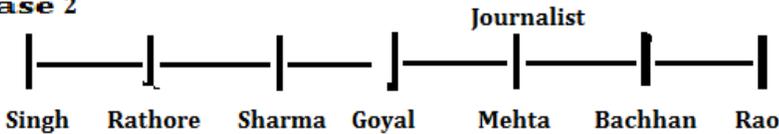
**Solutions (6-10):**

(i) By using the conditions, Mr. Rathor is standing at the fifth position to the left of Mr. Rao. Journalist is standing at the third position to the right of Mr. Rathor. Mr. Bacchan is standing at the fifth position to the right of Mr. Singh. Mr. Sharma is standing second to the left of Mr. Mehta. Goyal's position will be fixed in both the cases as shown below:

**Case 1**

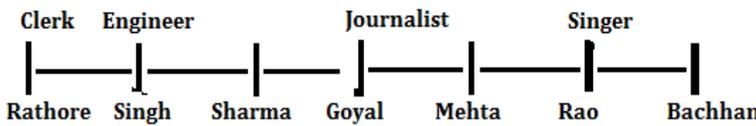


**Case 2**

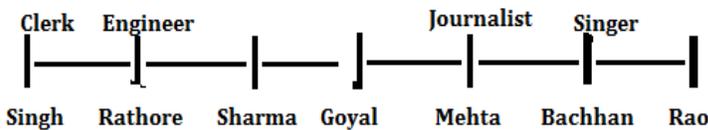


(ii) By using the rest conditions, Engineer is standing the second position to the left of Mr. Goyal. Clerk is standing to the immediate left of Engineer. Three persons are sitting between Engineer and Singer.

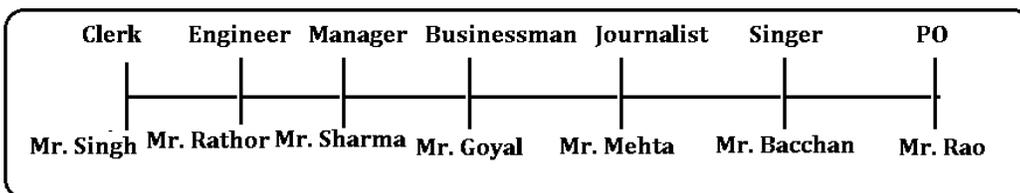
**Case 1**



**Case 2**



(iii) From the condition, Businessman is to the immediate right of Manager, case 1 will be eliminated because there is no place left to fulfill the condition. In case 2 Goyal is a businessman and Sharma is a Manager. We will get final answer.



S6. Ans.(b)

S7. Ans.(c)

S8. Ans.(b)

S9. Ans.(a)

S10. Ans. (d)

**Solutions (11-15):**

ROW ↓	H	D	F	G	E
ROW ↑	O	M	P	N	Q

S11. Ans.(e)

S12. Ans.(d)

S13. Ans.(b)

S14. Ans.(c)

S15. Ans.(c)

**Solutions (16-20):**

7	J
6	M
5	K
4	O
3	P
2	L
1	N



S16. Ans.(e)

S17. Ans.(d)

S18. Ans.(b)

S19. Ans.(a)

S20. Ans.(c)

**Solutions (21-25):**

(i) By using the given condition, Z lives on 5<sup>th</sup> floor. The person who belongs to Kernal lives on topmost floor. There are two floors between the floor in which X and V live. The one who belong to Kurukshetra lives just above X. V lives on an even-numbered floor, so there will be two possible case as shown below.

Case 1

Floor	Person	City
7		Kernal
6	V	
5	Z	
4		Kurukshetra
3	X	
2		
1		

Case 2

Floor	Person	City
7		Kernal
6		
5	Z	
4	V	
3		
2		Kurukshetra
1	X	

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(ii) From the rest conditions, Neither X nor Z belongs to Satna. The person who belongs to Chandigarh lives above T. There is only one floor between U and the one who belongs to Satna. There are three floors between T and the one who belongs Rewa. Y belongs to Allahabad. Following cases will be there.

Case 1

Floor	Person	City
7	W	Kernal
6	V	Satna
5	Z	Rewa
4	U	Kurukshetra
3	X	Chandigarh
2	Y	Allahabad
1	T	

Case2

Floor	Person	City
7	W	Kernal
6	U	Rewa
5	Z	Chandigarh
4	V	Satna
3	Y	Allahabad
2	T	Kurukshetra
1	X	

(iii) By using the condition, Z and X don't belong to Bokaro, case 2 will be eliminated because no place is left for the one who belongs to Bokaro. In case 1 T belongs to Bokaro and we will get the final answer.

Floor	Person	City
7	W	Kernal
6	V	Satna
5	Z	Rewa
4	U	Kurukshetra
3	X	Chandigarh
2	Y	Allahabad
1	T	Bokaro

S21. Ans.(d)

S22. Ans.(d)

S23. Ans.(c)

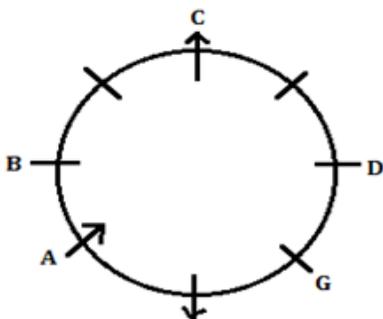
S24. Ans.(d)

S25. Ans.(c)

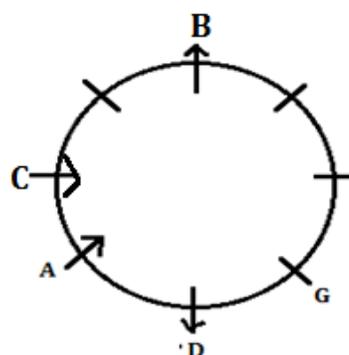
**Solutions (26-30):**

(i) By using the conditions, one of the persons who is facing outwards is an immediate neighbour of G and A both, B is second to the left of C and fourth to the right of D. G is the second to the right of A and third to the right of C, hence there will be two possible cases as shown below

Case1

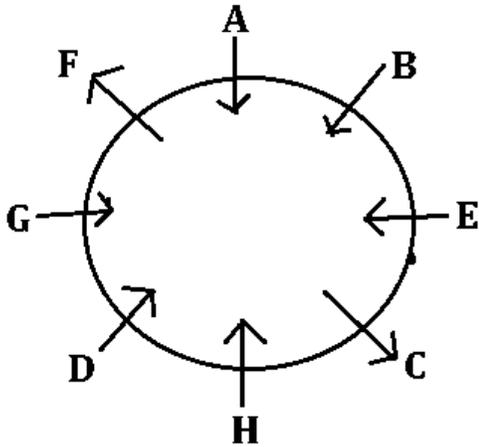


Case2



(ii) From the condition, D sits second to the right of C and is not an immediate neighbour of A, case 2 will be eliminated. Case 1 will be continued with the rest conditions.

(iii) E is second to the right of H and is facing the centre. Hence position of E and H will be fixed and both are facing the centre. So it is clear that All are facing inside the centre except F and C. F's position will be fixed. We get the final answer.



S26. Ans.(a)

S27. Ans.(d)

S28. Ans.(c)

S29. Ans.(b)

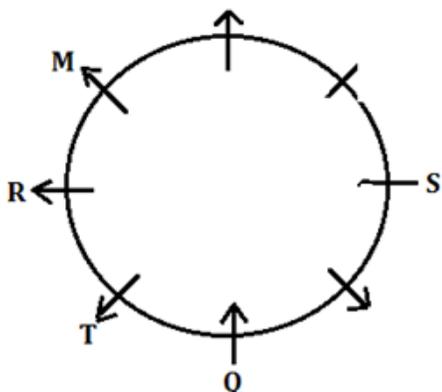
S30. Ans.(b)



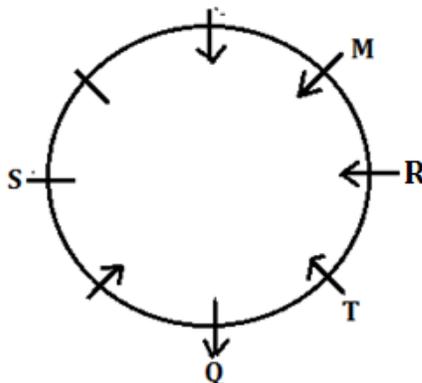
**Solutions (31-35):**

(i) from the conditions, M sits second to the right of the one who sits immediate left of Q. Both the immediate neighbours of Q face same direction. S sits third to the right of M. Both the immediate neighbours of M face same direction as M faces. T is an immediate neighbour of Q. R sits immediate right of T.

**Case 1**

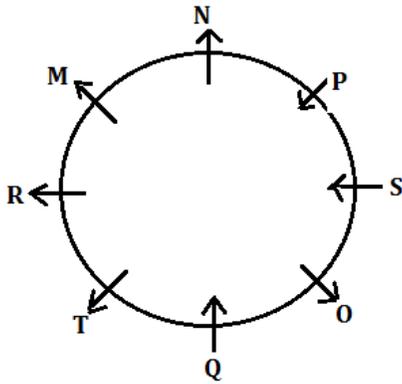


**Case-2**

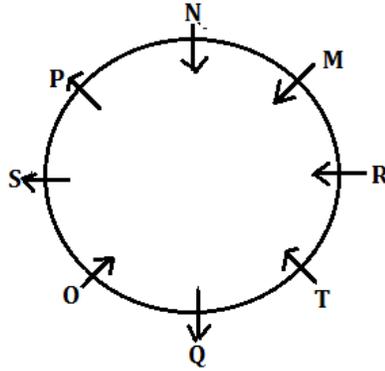


(ii) By using rest conditions, N sits third to the left of O. Position of N, O and P will be fixed in both the cases. P and S face same direction but opposite to that of N.

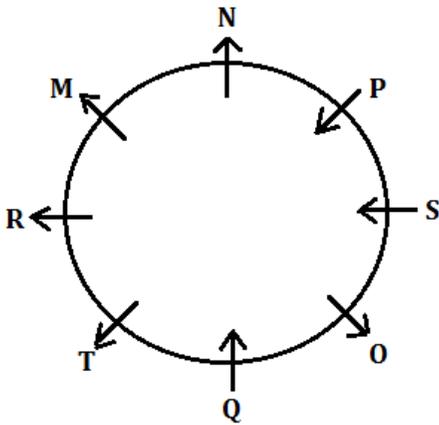
Case 1



Case-2



(iii) At least four persons are facing outside to the centre, from this case 2 will be eliminated and case 1 is final solution:



S31. Ans.(d)

S32. Ans.(c)

S33. Ans.(c)

S34. Ans.(d)

S35. Ans.(c)

Solution (36-40):

Floor	People	Subject
7	T	PHP
6	Q	Ruby
5	V	Java
4	R	HTML
3	U	Linux
2	P	Dot Net
1	S	Java Script

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S36. Ans.(c)

S37. Ans.(d)

S38. Ans.(b)

S39. Ans.(a)

S40. Ans.(d)

**Solutions (41-45):**

(i) From the conditions, E is 9 years old and likes white colour, means E was born in 2009. D is 6 years old means born in 2012. H was born in 1985. G likes brown colour. A was born in 1990 and 10 years older than C who likes blue colour, means C was born in 2000. H doesn't like yellow and the one who is 25 years old (born in 1993) likes yellow colour, hence either F or B was born in 1993.

Case 1.

Persons	Year	Colour
A	1990	
B		
C	2000	Blue
D	2012	
E	2009	White
F	1993	Yellow
G		Brown
H	1985	

Case2.

Persons	Year	Colour
A	1990	
B	1993	Yellow
C	2000	Blue
D	2012	
E	2009	White
F		
G		Brown
H	1985	

(ii) F likes green so case 1 will be eliminated. One of the persons was born in 1982. Age difference between B and F is 13 years, so in case 2, F can be born either in 2006 or in 1980 while G was born in 1982. One of the persons was born in 2006, So F was born in 2006 in case 2. H and D don't like pink, so A likes pink. D doesn't like grey so H likes grey and D likes Orange. We get final solution.

Persons	Year	Colour
A	1990	Pink
B	1993	Yellow
C	2000	Blue
D	2012	Orange
E	2009	White
F	2006	Green
G	1982	Brown
H	1985	Grey

S41. Ans.(c)

S42. Ans.(d)

S43. Ans.(c)

S44. Ans.(e)

S45. Ans.(c)

### Solutions (46-50):

**Step-1-** X lives an odd number floor above the floor number 5. There are two persons live between X and S. B lives on odd number floor but not above or below S. There should be two possible cases -

#### Case-1

Floor	Persons
9	(B)
8	
7	X
6	
5	
4	S
3	
2	
1	(B)

#### Case-2

Floor	Persons
9	X
8	
7	
6	S
5	
4	
3	(B)
2	
1	(B)



**Step-2:-** There are as many persons between S and U as between S and V. U lives below S. Q live on ground floor. There is one person between C and X and D does not live on even numbered floor.

#### Case-1

Floor	Persons
9	B
8	
7	X
6	(V)
5	C
4	S
3	D
2	(U)
1	Q

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PRELIMS**

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## Case-2

Floor	Persons
9	X
8	(V)
7	C
6	S
5	D
4	(U)
3	B
2	
1	Q

**Final Step:-** A lives on even numbered floor but above on 2<sup>nd</sup> floor, so Case 2 will be cancelled.

Floor	Persons
9	B
8	A
7	X
6	V
5	C
4	S
3	D
2	U
1	Q



S46. Ans.(d)

S47. Ans.(a)

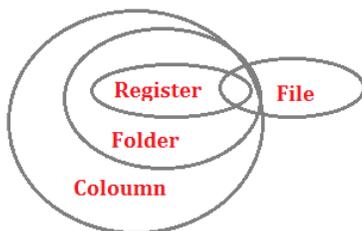
S48. Ans.(c)

S49. Ans.(d)

S50. Ans.(e)

S51. Ans.(b)

Sol.

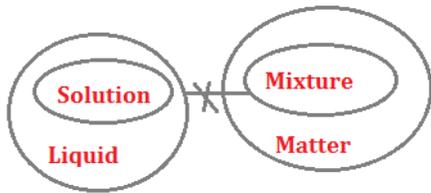


**For I-** From the venn diagram we can see that all registers are part of column, so we can not conclude that some part of register is not column.

**For II-** There is a relation that some part of folder is file, In a possibility we can consider that all folder can be file.

S52. Ans.(e)

Sol.

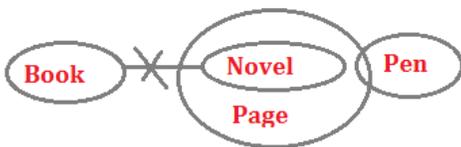


**For I-** From venn diagram we can see that some part of matter is not solution, but this is the possibility that all part of solution can become a part of matters.

**For II-** From venn diagram it is clear that no liquid is mixture and all solution is liquid so it is concluded that no solution is mixture.

S53. Ans.(e)

Sol.



**For I-** As All part of novel comes under pages, if some part of novel is pen, then some part of pen definitely be a part of pages.

**For II-** Some part of pages is not book, but from the venn diagram we can see that it is a possibility that all book can be a part of page.

S54. Ans.(e)

Sol.

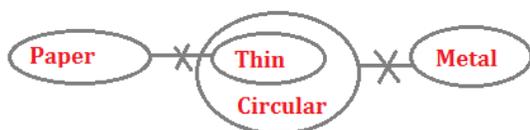


**For I-** From venn diagram we can see that some part of doctor are not poor but in a case of possibility it will be true that some part of doctor are poor.

**For II-** From the venn diagram, we can see that no professor is poor, if all doctor will be a part of professor then it is clear that all part of doctor are also not a part of poor.

S55. Ans.(d)

Sol.



**For I-** From venn diagram it is clear that all part of thin is also a part of circular and no circular is metal, hence no thin is metal. If all the part of thin is not metal then there is no possibility that all metal can be thin.

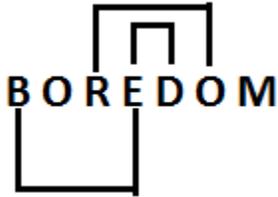
**For II-** It is clear from the venn diagram that some circular are not paper, it is a definite case, but we cannot say that some paper are not circular.

S56. Ans.(a)

Sol.  $D > E > B > A > C/F > C/F$

S57. Ans.(c)

Sol.



S58. Ans.(b)

Sol. The given number is = 7453612

Number after operation = 8264420

There is only two number which is repeated twice.

S59. Ans.(d)

S60. Ans.(b)

Sol.

5	E/C
4	E/C
3	A
2	B
1	D



S61. Ans.(a)

Sol.

R = 5<sup>th</sup>

R = 15<sup>th</sup>

R = 10<sup>th</sup> from right = Q

S62. Ans.(c)

S63. Ans.(b)

Sol.  $H\%3$

S64. Ans.(a)

Sol. B is 9<sup>th</sup> element from left after dropping symbols.

S65. Ans.(c)

Sol. R1@



**IBPS**

**IBPS RRB OFFICER SCALE-I 2018**

**COMBO**

**65 TOTAL TESTS**

- 30 Full Length Mocks
- 35 Practice sets

**BILINGUAL**

**S66. Ans. (e)**

**Sol.**  $V \leq S < L < J$

(I)  $V < L$  (True)      (II)  $S < J$  (True)

**S67. Ans. (b)**

**Sol.**  $M \leq R < J \leq H$

(I)  $M \leq H$  (False)      (II)  $R < H$  (True)

**S68. Ans. (a)**

**Sol.**  $H \geq F = G > M$

(I)  $H > M$  (True)      (II)  $H > G$  (False)

**S69. Ans. (d)**

**Sol.**  $R < J > T \leq L$

(I)  $R = T$  (False)      (II)  $J = L$  (False)

**S70. Ans. (a)**

**Sol.**  $W = T \geq K > F$

(I)  $W \geq K$  (True)      (II)  $W = K$  (False)

**Solutions (71-75):**

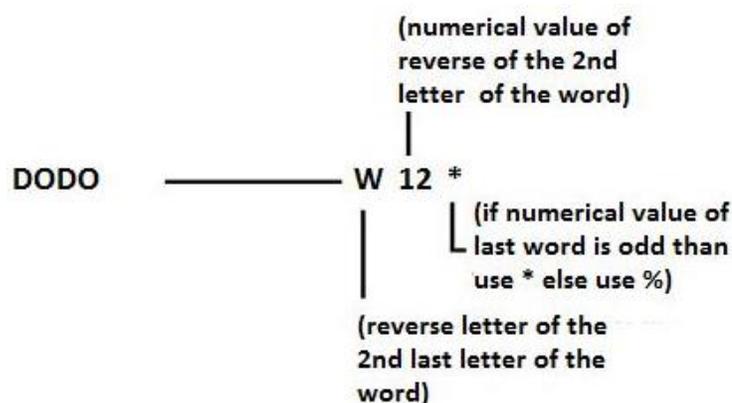
These are the latest pattern of coding-decoding questions. In these questions we are applying following concept to decode the code:-

1<sup>st</sup> letter of the code:- Reverse of second last letter in the word.

2<sup>nd</sup> letter of the code:- Numerical value (place value) of reverse of the second letter in the word.

3<sup>rd</sup> letter of the code:- If numerical value (place value) (rank) of last letter in the word is even then special character - % is used in stating of code.

But If numerical value of last letter in the word is odd then special character - \* is used in stating of code .



S71. Ans.(d)

S72. Ans.(c)

S73. Ans.(e)

S74. Ans.(b)

S75. Ans.(a)

S76. Ans. (e)

Sol. From I:  $P > Q$ , but T is not the tallest.

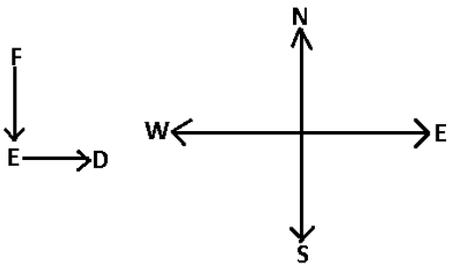
From II:  $R > P$ , but S is not the tallest.

From I and II:  $R > P > Q$ . Neither S nor T can be the tallest.

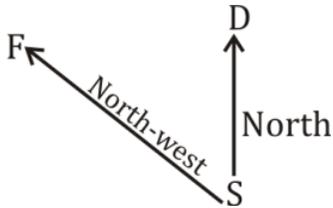
Hence R is the tallest.

S77. Ans. (e)

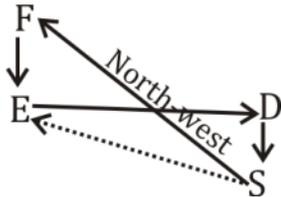
Sol. From I:



From II:



From I and II:



Point E is to the north-west of Point S.

S78. Ans.(b)

Sol. From I: Possible months: January, February, March, April, May or June.

From II: Raman's son correctly remembers that his father went on vacation after 31st March but before 1st May.

So his father went on vacation in the month of April.

Hence only II is sufficient.



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INDIAN BANK PO 2018

20 TOTAL TEST

- 10 PRELIMS MOCKS
- 10 MAINS MOCKS

Bilingual



**S79. Ans.(c)**

**Sol.** From I: The possible day of exam is Wednesday.

From II: The third day of the week is Wednesday.

Hence, either statement I alone or statement II alone is sufficient.

**S80. Ans.(d)**

**Sol.** From I: Two-digit marks is less than or equal to 20.

Possible marks: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 and 20.

From II: Sujit scored more than 9 marks.

Possible marks: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 and 20.

Hence, statement I and II together are not sufficient.

**Solutions (81-85):**

Students let us understand the Logic behind this Question and let's understand how to solve it. When we see the each step, then we can find that

The machine rearranges one word and one number in each step simultaneously, words are arranged from left end and numbers are arranged from right end.

(i) In this, words are arranged in decreasing manner according to the last letter of the word.

(ii) Numbers are arranged in increasing order, first all prime numbers are arranged after that non-prime numbers are arranged.

**Input- 3 20 night 17 laptop 61 38 cow lab 75 bottle madam**

Step I: cow 20 night 17 laptop 61 38 lab 75 bottle madam 3

Step II: cow night 20 laptop 61 38 lab 75 bottle madam 3 17

Step III: cow night laptop 20 38 lab 75 bottle madam 3 17 61

Step IV: cow night laptop madam 38 lab 75 bottle 3 17 61 20

Step V: cow night laptop madam bottle lab 75 3 17 61 20 38

Step VI: cow night laptop madam bottle lab 3 17 61 20 38 75

**S81. Ans.(d)**

**S82. Ans.(c)**

**S83. Ans.(b)**

**S84. Ans.(a)**

**S85. Ans.(d)**

**S86. Ans.(e)**

**Sol.** After arranging are the digits in descending order within each number--

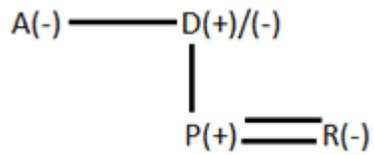
321, 953, 872, 641, 870

So, the fourth highest number will be 461.



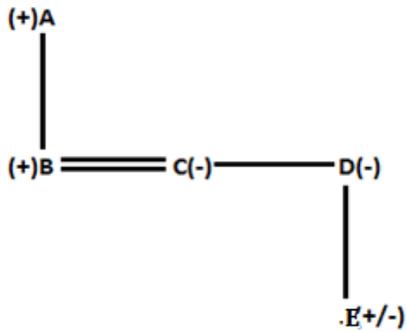
S96. Ans.(e)

Sol.



S97. Ans.(e)

Sol.



S98. Ans.(b)

Sol. J # 5

S99. Ans.(c)

S100. Ans.(a)



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Senior Technical  
Assistant 'B' 2018

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