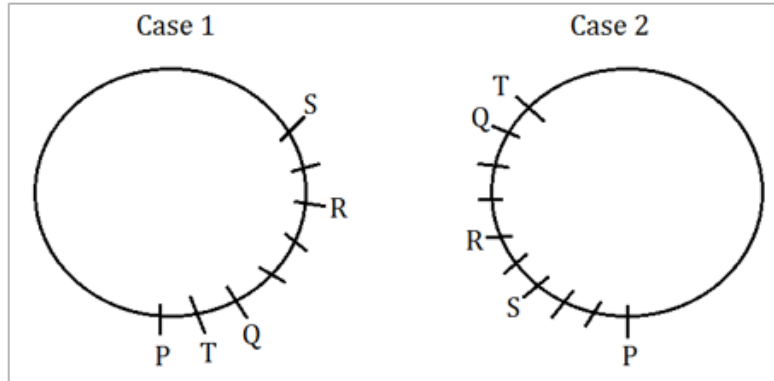


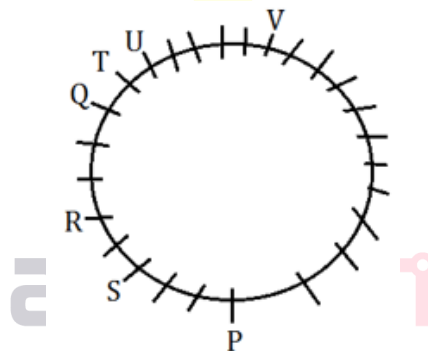
# All India Maha Mock RBI Grade-B (4-March-2021) – Solutions

**S1. Ans.(d)**

**Sol.** Four persons are sitting between P and R. One person is sitting between R and S. Q sits third to the left of R. T is sitting immediately left of Q and neither of them are next to S. Here, we get two possibilities i.e. Case 1 and Case 2.

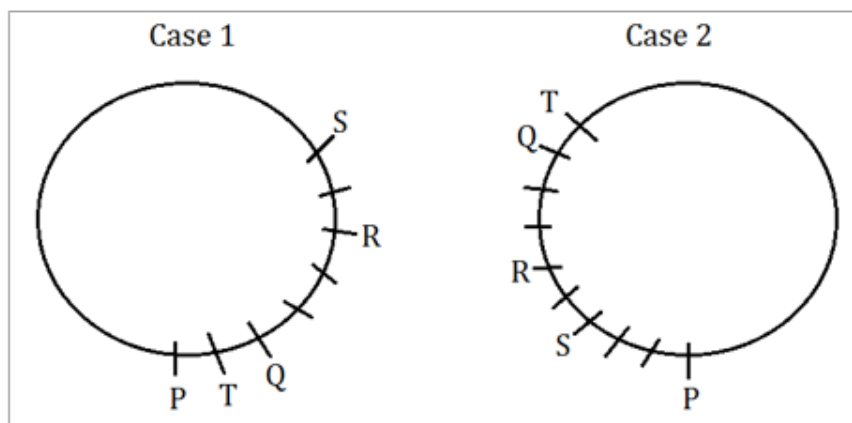


Ten persons are sitting between P and V when counting from right of P. U who is one of the immediate neighbors of T is fifth to the right of V. Hence case-1 is ruled out. Final arrangement is:

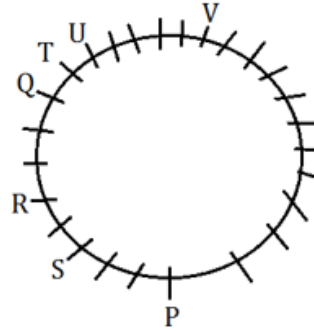


**S2. Ans.(c)**

**Sol.** Four persons are sitting between P and R. One person is sitting between R and S. Q sits third to the left of R. T is sitting immediately left of Q and neither of them are next to S. Here, we get two possibilities i.e. Case 1 and Case 2.

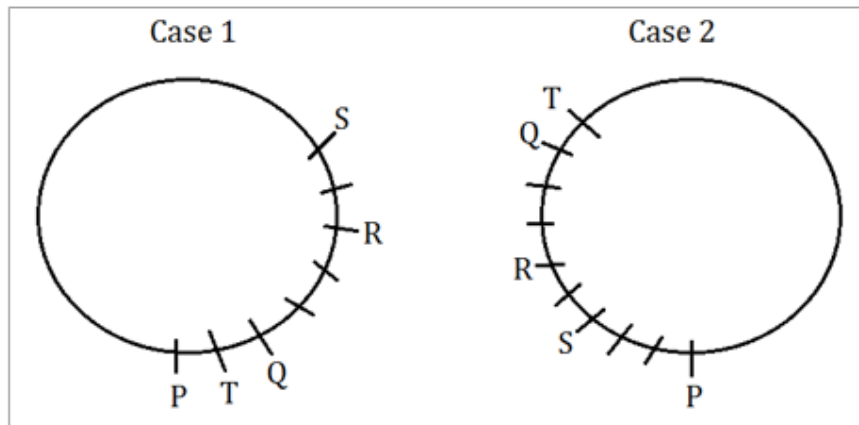


Ten persons are sitting between P and V when counting from right of P. U who is one of the immediate neighbors of T is fifth to the right of V. Hence case-1 is ruled out. Final arrangement is:

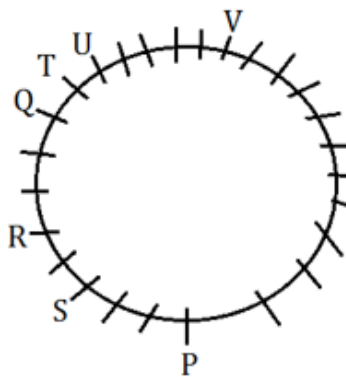


**S3. Ans.(d)**

**Sol.** Four persons are sitting between P and R. One person is sitting between R and S. Q sits third to the left of R. T is sitting immediately left of Q and neither of them are next to S. Here, we get two possibilities i.e. Case 1 and Case 2.

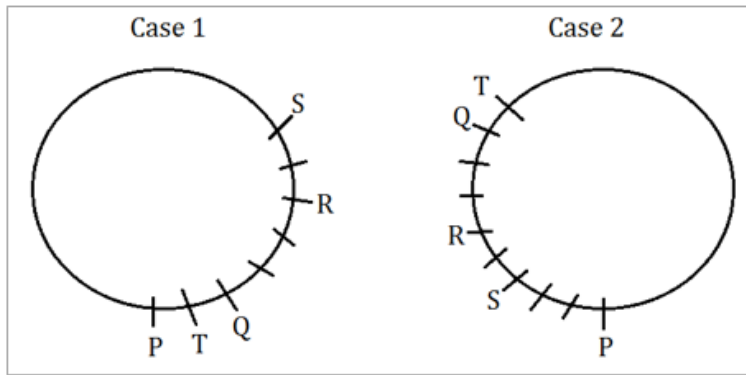


Ten persons are sitting between P and V when counting from right of P. U who is one of the immediate neighbors of T is fifth to the right of V. Hence case-1 is ruled out. Final arrangement is:

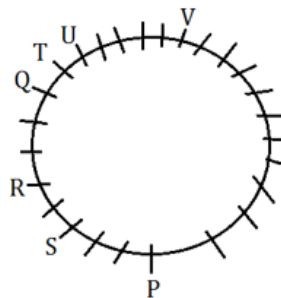


**S4. Ans.(c)**

**Sol.** Four persons are sitting between P and R. One person is sitting between R and S. Q sits third to the left of R. T is sitting immediately left of Q and neither of them are next to S. Here, we get two possibilities i.e. Case 1 and Case 2.

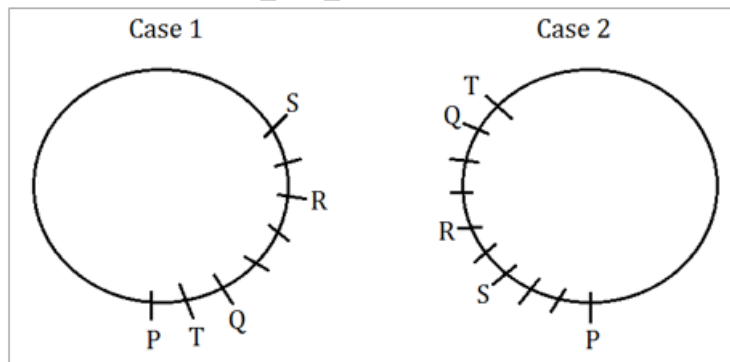


Ten persons are sitting between P and V when counting from right of P. U who is one of the immediate neighbors of T is fifth to the right of V. Hence case-1 is ruled out. Final arrangement is:

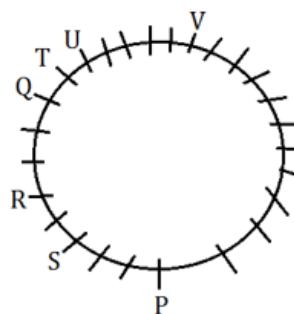


**S5. Ans.(c)**

**Sol.** Four persons are sitting between P and R. One person is sitting between R and S. Q sits third to the left of R. T is sitting immediately left of Q and neither of them are next to S. Here, we get two possibilities i.e. Case 1 and Case 2.

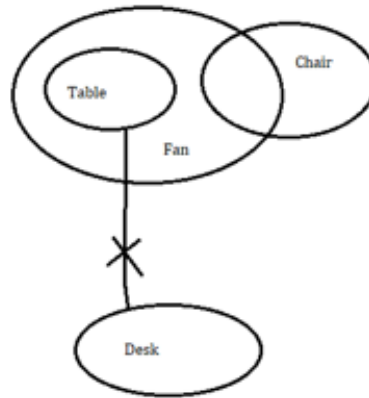


Ten persons are sitting between P and V when counting from right of P. U who is one of the immediate neighbors of T is fifth to the right of V. Hence case-1 is ruled out. Final arrangement is:



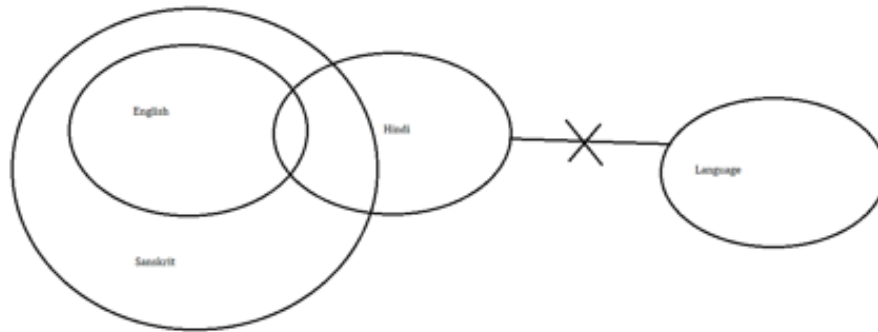
S6. Ans.(b)

Sol. Since All tables are fans. No table is desk. Hence All fans can be desk does not follow.



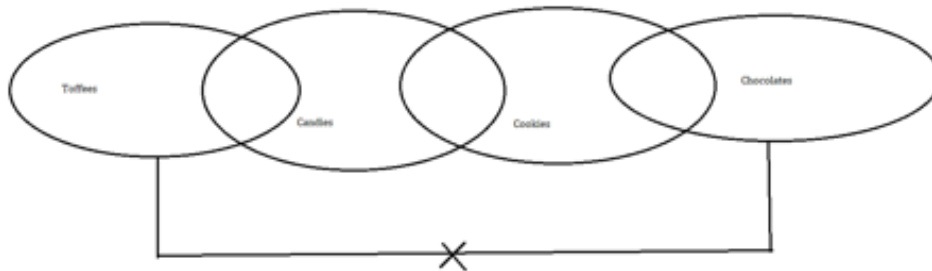
S7. Ans.(e)

Sol. Since Some Hindi is Sanskrit and No Hindi is Language. So, All Sanskrit cannot be language.



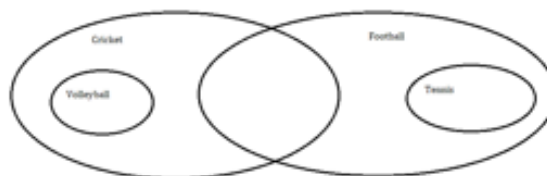
S8. Ans.(c)

Sol. Since it's a definite case so possibility case will not hold true.



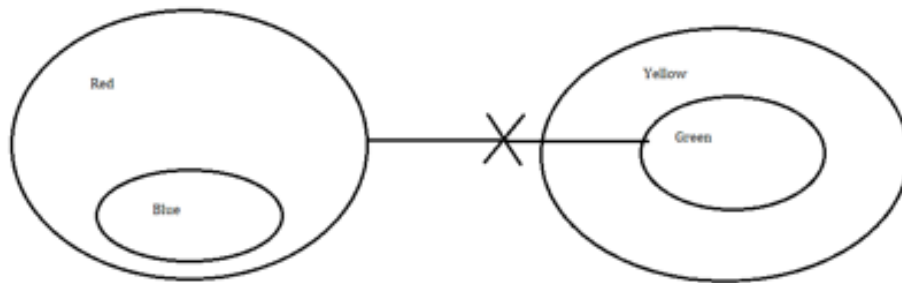
S9. Ans.(d)

Sol. Since it is a definite case therefore possibility will not hold true.



**S10. Ans.(d)**

**Sol.** From the Venn diagram it is clear that some green can be blue does not follow.



**S11. Ans.(e)**

**Sol.** T lives west of N and is immediately above the floor on which L lives and both T and L are living on the same numbered flat. There are two floors between L and Z. Q lives on an even numbered flat. There are two floors between Q and G who does not live immediately above or below the floor on which N lives. G lives at Flat 2. Hence, we get four possibilities:

	Case 1		Case 2		Case 3		Case 4	
Floors	Flat-1	Flat-2	Flat-1	Flat-2	Flat-1	Flat-2	Flat-1	Flat-2
5	T	N			Z/	Z/	Z	G
4	L	Q	Z	G		Q		
3					T	N	T	N
2			T	N	L		L	Q
1	Z	G	L	Q		G		

K lives on an odd numbered flat but not with G. K is on one of the floors below that of T. Here, Case 2 and Case 3 are eliminated. A who does not live on the topmost floor is in the north-west direction of M who does not live on the bottom most floor. Hence case 4 is eliminated. Final arrangement:

Floors	Flat-1	Flat-2
5	T	N
4	L	Q
3	A	X
2	K	M
1	Z	G

**S12. Ans.(a)**

**Sol.** T lives west of N and is immediately above the floor on which L lives and both T and L are living on the same numbered flat. There are two floors between L and Z. Q lives on an even numbered flat. There are two floors between Q and G who does not live immediately above or below the floor on which N lives. G lives at Flat 2. Hence, we get four possibilities:

	Case 1		Case 2		Case 3		Case 4	
Floors	Flat-1	Flat-2	Flat-1	Flat-2	Flat-1	Flat-2	Flat-1	Flat-2
5	T	N			Z/	Z/	Z	G
4	L	Q	Z	G		Q		
3					T	N	T	N
2			T	N	L		L	Q
1	Z	G	L	Q		G		

K lives on an odd numbered flat but not with G. K is on one of the floors below that of T. Here, Case 2 and Case 3 are eliminated. A who does not live on the topmost floor is in the north-west direction of M who does not live on the bottom most floor. Hence case 4 is eliminated. Final arrangement:

Floors	Flat-1	Flat-2
5	T	N
4	L	Q
3	A	X
2	K	M
1	Z	G

**S13. Ans.(a)**

**Sol.** T lives west of N and is immediately above the floor on which L lives and both T and L are living on the same numbered flat. There are two floors between L and Z. Q lives on an even numbered flat. There are two floors between Q and G who does not live immediately above or below the floor on which N lives. G lives at Flat 2. Hence, we get four possibilities:

	Case 1		Case 2		Case 3		Case 4	
Floors	Flat-1	Flat-2	Flat-1	Flat-2	Flat-1	Flat-2	Flat-1	Flat-2
5	T	N			Z/	Z/	Z	G
4	L	Q	Z	G		Q		
3					T	N	T	N
2			T	N	L		L	Q
1	Z	G	L	Q		G		

K lives on an odd numbered flat but not with G. K is on one of the floors below that of T. Here, Case 2 and Case 3 are eliminated. A who does not live on the topmost floor is in the north-west direction of M who does not live on the bottom most floor. Hence case 4 is eliminated. Final arrangement:

Floors	Flat-1	Flat-2
5	T	N
4	L	Q
3	A	X
2	K	M
1	Z	G

**S14. Ans.(c)**

**Sol.** T lives west of N and is immediately above the floor on which L lives and both T and L are living on the same numbered flat. There are two floors between L and Z. Q lives on an even numbered flat. There are two floors between Q and G who does not live immediately above or below the floor on which N lives. G lives at Flat 2. Hence, we get four possibilities:

	Case 1		Case 2		Case 3		Case 4	
Floors	Flat-1	Flat-2	Flat-1	Flat-2	Flat-1	Flat-2	Flat-1	Flat-2
5	T	N			Z/	Z/	Z	G
4	L	Q	Z	G		Q		
3					T	N	T	N
2			T	N	L		L	Q
1	Z	G	L	Q		G		

K lives on an odd numbered flat but not with G. K is on one of the floors below that of T. Here, Case 2 and Case 3 are eliminated. A who does not live on the topmost floor is in the north-west direction of M who does not live on the bottom most floor. Hence case 4 is eliminated. Final arrangement:

Floors	Flat-1	Flat-2
5	T	N
4	L	Q
3	A	X
2	K	M
1	Z	G

**S15. Ans.(c)**

**Sol.** T lives west of N and is immediately above the floor on which L lives and both T and L are living on the same numbered flat. There are two floors between L and Z. Q lives on an even numbered flat. There are two floors between Q and G who does not live immediately above or below the floor on which N lives. G lives at Flat 2. Hence, we get four possibilities:

	Case 1		Case 2		Case 3		Case 4	
Floors	Flat-1	Flat-2	Flat-1	Flat-2	Flat-1	Flat-2	Flat-1	Flat-2
5	T	N			Z/	Z/	Z	G
4	L	Q	Z	G		Q		
3					T	N	T	N
2			T	N	L		L	Q
1	Z	G	L	Q		G		

K lives on an odd numbered flat but not with G. K is on one of the floors below that of T. Here, Case 2 and Case 3 are eliminated. A who does not live on the topmost floor is in the north-west direction of M who does not live on the bottom most floor. Hence case 4 is eliminated. Final arrangement:

Floors	Flat-1	Flat-2
5	T	N
4	L	Q
3	A	X
2	K	M
1	Z	G

**S16. Ans.(c)****Sol.** From the above given conditions the matrix will be---

Rows↓/Column→	P	Q	R	S	T
&	10	15	20	25	30
%	12	18	24	30	36
\$	14	21	28	35	42

$$X = \$R \%Q \&S \$P$$

$$\text{So, } X = 28 \ 18 \ 25 \ 14$$

As it is clear that condition (2) is applicable in the above sequence so the outcome will be –

$$\text{Outcome} = 2 \times 1 \times 2 \times 1 = 4$$

As the outcome is below 80, so clearly A will blink.

**S17. Ans.(c)****Sol.** From the above given conditions the matrix will be---

Rows↓/Column→	P	Q	R	S	T
&	10	15	20	25	30
%	12	18	24	30	36
\$	14	21	28	35	42

$$X = \&P \$T \%S \%Q$$

$$\text{So, } X = 10 \ 42 \ 30 \ 18$$

As it is clear that condition (1) is applicable in the above question so the outcome will be –

$$\text{Outcome} = 10 + 42 + 30 + 18 = 100$$

$$\text{Now, } Y = \%P \%R \$S \$Q$$

$$Y = 12 \ 24 \ 35 \ 21$$

As it is clear that condition (3) is applicable in the above question so the outcome will be –

$$Y = 2 \times 4 \times 5 \times 1 = 40$$

$$\text{The difference } X - Y \text{ is } 100 - 40 = 60$$

As the resultant is below 80 so clearly A will blink.

**S18. Ans.(c)****Sol.** From the above given conditions the matrix will be---

Rows↓/Column→	P	Q	R	S	T
&	10	15	20	25	30
%	12	18	24	30	36
\$	14	21	28	35	42

$$X = \&P \%T \%P \$Q$$

$$\text{So, } X = 10 \ 36 \ 12 \ 21$$

As it is clear that condition (4) is applicable in the above question so the outcome will be –

$$\text{Outcome} = 10 + 36 + 12 + 21 = 79$$

$$\text{Now, } Y = \$T \&S \$R$$

$$Y = 42 \ 25 \ 28$$

As it is clear that condition (2) is applicable in the above question so the outcome will be –

$$Y = 4 \times 2 \times 2 = 16$$

$$\text{The sum is } X + Y = 79 + 16 = 95$$

As the outcome is above 81 and below 120, so clearly B will blink.



**S19. Ans.(c)**

**Sol.** From the above given conditions the matrix will be---

Rows↓/Column→	P	Q	R	S	T
&	10	15	20	25	30
%	12	18	24	30	36
\$	14	21	28	35	42

$$X = \%P \$S \%R$$

$$X = 12 \ 35 \ 24$$

As it is clear that condition (2) is applicable in the above question so the outcome will be –

$$\text{Outcome} = 1 \times 3 \times 2 = 6$$

$$\text{Now, } Y = \$S \$R \&Q$$

$$Y = 35 \ 28 \ 15$$

As it is clear that condition (3) is applicable in the above question so the outcome will be –

$$Y = 5 \times 8 \times 5 = 200$$

$$\text{Sum is } X+Y = 6+200=206$$

As the outcome is above 170, so clearly D will blink.

**S20. Ans.(c)**

**Sol.** From the above given conditions the matrix will be---

Rows↓/Column→	P	Q	R	S	T
&	10	15	20	25	30
%	12	18	24	30	36
\$	14	21	28	35	42

$$X = \$Q \&T \$R \%R$$

$$\text{So, } X = 21 \ 30 \ 28 \ 24$$

As it is clear that condition (2) is applicable in the above question so the outcome will be –

$$\text{Outcome} = 2 \times 3 \times 2 \times 2 = 24$$

As the outcome is below 80, then A blink.

**S21. Ans.(c)**

**Sol.** From the given statements, bowler who takes 6 wickets plays match in Wednesday. Three bowlers play match between E and M and both of them take odd numbered wickets. Two Bowlers play match between F and N but both doesn't take even numbered wickets. Bowler who takes 5 wickets plays match just before O and just after D. There are as many bowlers play the match before F as after the bowler who takes 9 wickets. Here, we get two possibilities i.e. Case 1 and Case 2.

	Case 1		Case 2	
Days	Bowlers	Wickets	Bowlers	Wickets
Monday	F		F	
Tuesday	E		M	
Wednesday	D	6	D	6
Thursday	N	5	N	5
Friday	O		O	
Saturday	M	9	E	9

From the given statements, addition of wickets taken by M and O is 15. One Bowler can take at most 10 wickets. So, they will take either 5 and 10 or 6 and 9 or 7 and 8 wickets. D takes 6 and N takes 5 wickets and M takes odd numbered wicket. So, M and O will take 7 and 8 wickets respectively. Here, Case 1 is ruled out. F gets more than 2 wickets. F takes odd numbered wickets.

So, the final arrangement will be: -

Days	Bowlers	Wickets
Monday	F	3
Tuesday	M	7
Wednesday	D	6
Thursday	N	5
Friday	O	8
Saturday	E	9

**S22. Ans.(b)**

**Sol.** From the given statements, bowler who takes 6 wickets plays match in Wednesday. Three bowlers play match between E and M and both of them take odd numbered wickets. Two Bowlers play match between F and N but both doesn't take even numbered wickets. Bowler who takes 5 wickets plays match just before O and just after D. There are as many bowlers play the match before F as after the bowler who takes 9 wickets. Here, we get two possibilities i.e. Case 1 and Case 2.

	Case 1		Case 2	
Days	Bowlers	Wickets	Bowlers	Wickets
Monday	F		F	
Tuesday	E		M	
Wednesday	D	6	D	6
Thursday	N	5	N	5
Friday	O		O	
Saturday	M	9	E	9

From the given statements, addition of wickets taken by M and O is 15. One Bowler can take at most 10 wickets. So, they will take either 5 and 10 or 6 and 9 or 7 and 8 wickets. D takes 6 and N takes 5 wickets and M takes odd numbered wicket. So, M and O will take 7 and 8 wickets respectively. Here, Case 1 is ruled out. F gets more than 2 wickets. F takes odd numbered wickets.

So, the final arrangement will be: -

Days	Bowlers	Wickets
Monday	F	3
Tuesday	M	7
Wednesday	D	6
Thursday	N	5
Friday	O	8
Saturday	E	9

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**S23. Ans.(c)**

**Sol.** From the given statements, bowler who takes 6 wickets plays match in Wednesday. Three bowlers play match between E and M and both of them take odd numbered wickets. Two Bowlers play match between F and N but both doesn't take even numbered wickets. Bowler who takes 5 wickets plays match just before O and just after D. There are as many bowlers play the match before F as after the bowler who takes 9 wickets. Here, we get two possibilities i.e. Case 1 and Case 2.

	Case 1		Case 2	
Days	Bowlers	Wickets	Bowlers	Wickets
Monday	F		F	
Tuesday	E		M	
Wednesday	D	6	D	6
Thursday	N	5	N	5
Friday	O		O	
Saturday	M	9	E	9

From the given statements, addition of wickets taken by M and O is 15. One Bowler can take at most 10 wickets. So, they will take either 5 and 10 or 6 and 9 or 7 and 8 wickets. D takes 6 and N takes 5 wickets and M takes odd numbered wicket. So, M and O will take 7 and 8 wickets respectively. Here, Case 1 is ruled out. F gets more than 2 wickets. F takes odd numbered wickets.

So, the final arrangement will be: -

Days	Bowlers	Wickets
Monday	F	3
Tuesday	M	7
Wednesday	D	6
Thursday	N	5
Friday	O	8
Saturday	E	9

**S24. Ans.(d)**

**Sol.** From the given statements, bowler who takes 6 wickets plays match in Wednesday. Three bowlers play match between E and M and both of them take odd numbered wickets. Two Bowlers play match between F and N but both doesn't take even numbered wickets. Bowler who takes 5 wickets plays match just before O and just after D. There are as many bowlers play the match before F as after the bowler who takes 9 wickets. Here, we get two possibilities i.e. Case 1 and Case 2.

	Case 1		Case 2	
Days	Bowlers	Wickets	Bowlers	Wickets
Monday	F		F	
Tuesday	E		M	
Wednesday	D	6	D	6
Thursday	N	5	N	5
Friday	O		O	
Saturday	M	9	E	9

From the given statements, addition of wickets taken by M and O is 15. One Bowler can take at most 10 wickets. So, they will take either 5 and 10 or 6 and 9 or 7 and 8 wickets. D takes 6 and N takes 5 wickets and M takes odd numbered wicket. So, M and O will take 7 and 8 wickets respectively. Here, Case 1 is ruled out. F gets more than 2 wickets. F takes odd numbered wickets.

So, the final arrangement will be: -

Days	Bowlers	Wickets
Monday	F	3
Tuesday	M	7
Wednesday	D	6
Thursday	N	5
Friday	O	8
Saturday	E	9

**S25. Ans.(d)**

**Sol.** From the given statements, bowler who takes 6 wickets plays match in Wednesday. Three bowlers play match between E and M and both of them take odd numbered wickets. Two Bowlers play match between F and N but both doesn't take even numbered wickets. Bowler who takes 5 wickets plays match just before O and just after D. There are as many bowlers play the match before F as after the bowler who takes 9 wickets. Here, we get two possibilities i.e. Case 1 and Case 2.

	Case 1		Case 2	
Days	Bowlers	Wickets	Bowlers	Wickets
Monday	F		F	
Tuesday	E		M	
Wednesday	D	6	D	6
Thursday	N	5	N	5
Friday	O		O	
Saturday	M	9	E	9

From the given statements, addition of wickets taken by M and O is 15. One Bowler can take at most 10 wickets. So, they will take either 5 and 10 or 6 and 9 or 7 and 8 wickets. D takes 6 and N takes 5 wickets and M takes odd numbered wicket. So, M and O will take 7 and 8 wickets respectively. Here, Case 1 is ruled out. F gets more than 2 wickets. F takes odd numbered wickets.

So, the final arrangement will be: -

Days	Bowlers	Wickets
Monday	F	3
Tuesday	M	7
Wednesday	D	6
Thursday	N	5
Friday	O	8
Saturday	E	9

**S26. Ans.(e)**

**S27. Ans.(d)**

**Sol.**



**S28. Ans.(b)**

**Sol.** Rohan leaves from house to office at  $\mu@$  means at 5:35. he takes 1 hour 30 min to reach office, but he reaches 5 min earlier means he takes 125 min. So, he reaches office at 7:00 means '@&'.

**S29. Ans.(c)**

**Sol.** The meeting is scheduled at '%%' means at 9:45. Person takes 125 min to reach at meeting from his company and he reaches at meeting 40 min early, so he reaches at meeting at 9:05 so he leaves company at 7:00 means '@&'.

**S30. Ans.(a)**

**Sol.** Person starts at '\$#' means at 6:50 and he takes 110 minutes to reach his office, but in the way his bike breakdown due to which his 20 minutes got waste so now he takes 130 min. Now he will reach at 9:00 means '%&'.

**S31. Ans.(b)**

**Sol.** Only b) will be a sensible course of action taken by the government to keep the river clean. a), c) and d) can be ruled out because these are extreme courses of action.

**S32. Ans.(e)**

**Sol.** a) does not follow because the NCR phenomenon can't be extrapolated to "most of the big cities". b) and d) are probable consequences. c) shows us the other side. e) follows from the mention of "slump in home sales" and scope for "price correction".

**S33. Ans.(e)**

**Sol.** Decline in profit will lead to closure of the company, so option a) is not valid. Establishment of new branches by the MNCs will lead to upsurge in the hiring activities. At the same time, maintenance of positive growth rate by the Indian MNC companies will help them expand their business. So only B) and C) follow.

**S34. Ans.(d)**

**Sol.** From the given statements, four person's marks is in between C and the student who gives Zoology exam. Difference between the marks of the students who give exam of Hindi and English is 9. C gets passing marks in the exam. B gets just more marks than the student who gives Botany exam and just less marks than the student who gives English exam. G gets more marks than B and less marks than F and all three get passing marks. Here, we get two possibilities i.e. Case 1 and Case 2.

Case 1			Case 2		
Marks	Students	Subjects	Marks	Students	Subjects
70	C		70	F	
58	F	Hindi	58	C	Hindi
49	G	English	49	G	English
41	B		41	B	
30		Botany	30		Botany
26		Zoology	26		
21			21		Zoology

From the given statements, D gets marks which is divisible by 10. E gets more marks than A and less marks than the student who gives Biology exam. Student who give Chemistry exam gets more marks than the student who gives History exam. A doesn't give Zoology exam. Here, Case 2 is ruled out. B doesn't give Chemistry exam.

So, the final arrangement will be: -

Marks	Students	Subjects
70	C	Chemistry
58	F	Hindi
49	G	English
41	B	Biology
30	D	Botany
26	E	Zoology
21	A	History

**S35. Ans.(d)**

**Sol.** From the given statements, four person's marks is in between C and the student who gives Zoology exam. Difference between the marks of the students who give exam of Hindi and English is 9. C gets passing marks in the exam. B gets just more marks than the student who gives Botany exam and just less marks than the student who gives English exam. G gets more marks than B and less marks than F and all three get passing marks. Here, we get two possibilities i.e. Case 1 and Case 2.

Case 1			Case 2		
Marks	Students	Subjects	Marks	Students	Subjects
70	C		70	F	
58	F	Hindi	58	C	Hindi
49	G	English	49	G	English
41	B		41	B	
30		Botany	30		Botany
26		Zoology	26		
21			21		Zoology

From the given statements, D gets marks which is divisible by 10. E gets more marks than A and less marks than the student who gives Biology exam. Student who give Chemistry exam gets more marks than the student who gives History exam. A doesn't give Zoology exam. Here, Case 2 is ruled out. B doesn't give Chemistry exam.

So, the final arrangement will be: -

Marks	Students	Subjects
70	C	Chemistry
58	F	Hindi
49	G	English
41	B	Biology
30	D	Botany
26	E	Zoology
21	A	History

### S36. Ans.(b)

**Sol.** From the given statements, four person's marks is in between C and the student who gives Zoology exam. Difference between the marks of the students who give exam of Hindi and English is 9. C gets passing marks in the exam. B gets just more marks than the student who gives Botany exam and just less marks than the student who gives English exam. G gets more marks than B and less marks than F and all three get passing marks. Here, we get two possibilities i.e. Case 1 and Case 2.

Case 1			Case 2		
Marks	Students	Subjects	Marks	Students	Subjects
70	C		70	F	
58	F	Hindi	58	C	Hindi
49	G	English	49	G	English
41	B		41	B	
30		Botany	30		Botany
26		Zoology	26		
21			21		Zoology

From the given statements, D gets marks which is divisible by 10. E gets more marks than A and less marks than the student who gives Biology exam. Student who give Chemistry exam gets more marks than the student who gives History exam. A doesn't give Zoology exam. Here, Case 2 is ruled out. B doesn't give Chemistry exam.

So, the final arrangement will be: -

Marks	Students	Subjects
70	C	Chemistry
58	F	Hindi
49	G	English
41	B	Biology
30	D	Botany
26	E	Zoology
21	A	History

**TEST SERIES**

**BILINGUAL**



# RBI

## OFFICE ATTENDANT

### Vacancies- 841

### 40 TOTAL TESTS



**S37. Ans.(c)**

**Sol.** From the given statements, four person's marks is in between C and the student who gives Zoology exam. Difference between the marks of the students who give exam of Hindi and English is 9. C gets passing marks in the exam. B gets just more marks than the student who gives Botany exam and just less marks than the student who gives English exam. G gets more marks than B and less marks than F and all three get passing marks. Here, we get two possibilities i.e. Case 1 and Case 2.

Case 1			Case 2		
Marks	Students	Subjects	Marks	Students	Subjects
70	C		70	F	
58	F	Hindi	58	C	Hindi
49	G	English	49	G	English
41	B		41	B	
30		Botany	30		Botany
26		Zoology	26		
21			21		Zoology

From the given statements, D gets marks which is divisible by 10. E gets more marks than A and less marks than the student who gives Biology exam. Student who give Chemistry exam gets more marks than the student who gives History exam. A doesn't give Zoology exam. Here, Case 2 is ruled out. B doesn't give Chemistry exam.

So, the final arrangement will be: -

Marks	Students	Subjects
70	C	Chemistry
58	F	Hindi
49	G	English
41	B	Biology
30	D	Botany
26	E	Zoology
21	A	History

**S38. Ans.(a)**

**Sol.** From the given statements, four person's marks is in between C and the student who gives Zoology exam. Difference between the marks of the students who give exam of Hindi and English is 9. C gets passing marks in the exam. B gets just more marks than the student who gives Botany exam and just less marks than the student who gives English exam. G gets more marks than B and less marks than F and all three get passing marks. Here, we get two possibilities i.e. Case 1 and Case 2.

Case 1			Case 2		
Marks	Students	Subjects	Marks	Students	Subjects
70	C		70	F	
58	F	Hindi	58	C	Hindi
49	G	English	49	G	English
41	B		41	B	
30		Botany	30		Botany
26		Zoology	26		
21			21		Zoology



From the given statements, D gets marks which is divisible by 10. E gets more marks than A and less marks than the student who gives Biology exam. Student who give Chemistry exam gets more marks than the student who gives History exam. A doesn't give Zoology exam. Here, Case 2 is ruled out. B doesn't give Chemistry exam.

So, the final arrangement will be: -

Marks	Students	Subjects
70	C	Chemistry
58	F	Hindi
49	G	English
41	B	Biology
30	D	Botany
26	E	Zoology
21	A	History

**S39. Ans.(c)**

**Sol.** Logic: In Step I, digits of each numbers are arranged in ascending order from left to right.

In Step II, Numbers are arranged in descending order from left to right.

In Step III, Total sum of numerical value of all digits in each number.

In Step IV, all numbers are divided by 2.

**Input: 7584 2563 2754 8965 2145 6424**

Step I: 4578 2356 2457 5689 1245 2446

Step II: 5689 4578 2457 2446 2356 1245

Step III: 28 24 18 16 16 12

Step IV: 14 12 9 8 8 6

**S40. Ans.(a)**

**Sol.** Logic: In Step I, digits of each numbers are arranged in ascending order from left to right.

In Step II, Numbers are arranged in descending order from left to right.

In Step III, Total sum of numerical value of all digits in each number.

In Step IV, all numbers are divided by 2.

**Input: 7584 2563 2754 8965 2145 6424**

Step I: 4578 2356 2457 5689 1245 2446

Step II: 5689 4578 2457 2446 2356 1245

Step III: 28 24 18 16 16 12

Step IV: 14 12 9 8 8 6

**S41. Ans.(b)**

**Sol.** Logic: In Step I, digits of each numbers are arranged in ascending order from left to right.  
In Step II, Numbers are arranged in descending order from left to right.  
In Step III, Total sum of numerical value of all digits in each number.  
In Step IV, all numbers are divided by 2.

**Input: 7584 2563 2754 8965 2145 6424**

Step I: 4578 2356 2457 5689 1245 2446

Step II: 5689 4578 2457 2446 2356 1245

Step III: 28 24 18 16 16 12

Step IV: 14 12 9 8 8 6

**S42. Ans.(e)**

**Sol.** Logic: In Step I, digits of each numbers are arranged in ascending order from left to right.  
In Step II, Numbers are arranged in descending order from left to right.  
In Step III, Total sum of numerical value of all digits in each number.  
In Step IV, all numbers are divided by 2.

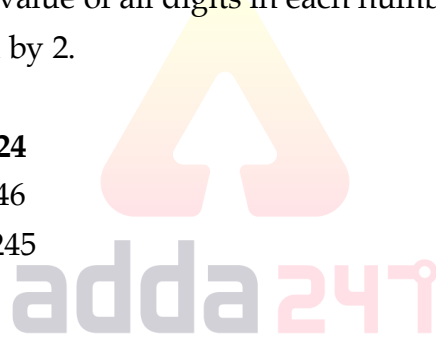
**Input: 7584 2563 2754 8965 2145 6424**

Step I: 4578 2356 2457 5689 1245 2446

Step II: 5689 4578 2457 2446 2356 1245

Step III: 28 24 18 16 16 12

Step IV: 14 12 9 8 8 6

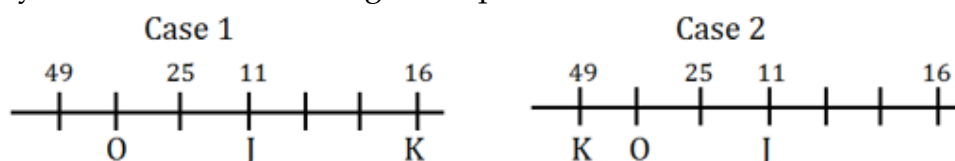


**S43. Ans.(e)**

**Sol.** Only (e) can be inferred from the given statement as it is given that HIV-infected children have lower neuropsychological test scores thus reflecting reduced memory span, attention deficit.

**S44. Ans.(e)**

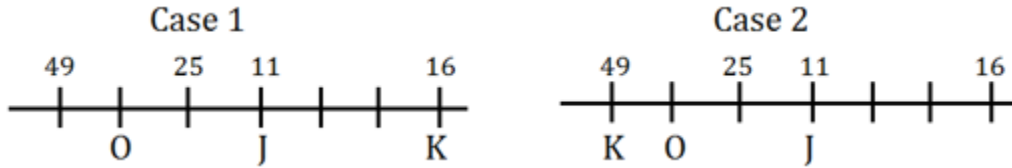
**Sol.** From the given statements, two persons are sitting between J and K and one of them are sitting at extreme end. O sits 2<sup>nd</sup> to the left of J, who is youngest. Sum of the ages of the immediate neighbors of O is 74. So, their ages will be 25 and 49. Ages of the persons sitting at extreme ends are perfect squares. So, it may be 16, 25, 49. Here, we get two possibilities i.e. Case 1 and Case 2.





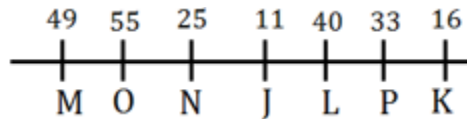
**S47. Ans.(b)**

**Sol.** From the given statements, two persons are sitting between J and K and one of them are sitting at extreme end. O sits 2<sup>nd</sup> to the left of J, who is youngest. Sum of the ages of the immediate neighbors of O is 74. So, their ages will be 25 and 49. Ages of the persons sitting at extreme ends are perfect squares. So, it may be 16, 25, 49. Here, we get two possibilities i.e. Case 1 and Case 2.



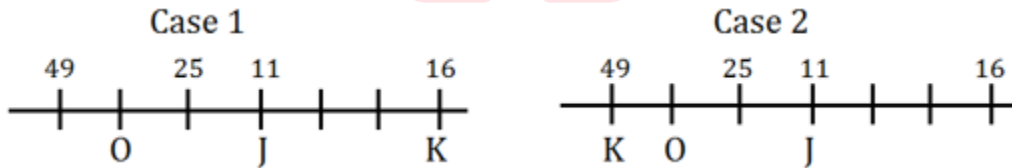
From the given statements, four persons are sitting left of L whose age is divisible by 5. Now L's age will be 40 or 55. N sits between M and P whose age is divisible by 11. So, P's age will be 33 or 55. Here, Case 2 is ruled out. Neither L nor P is oldest person. N's age is divisible by 5.

So, final arrangement will be: -



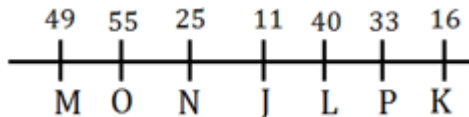
**S48. Ans.(b)**

**Sol.** From the given statements, two persons are sitting between J and K and one of them are sitting at extreme end. O sits 2<sup>nd</sup> to the left of J, who is youngest. Sum of the ages of the immediate neighbors of O is 74. So, their ages will be 25 and 49. Ages of the persons sitting at extreme ends are perfect squares. So, it may be 16, 25, 49. Here, we get two possibilities i.e. Case 1 and Case 2.



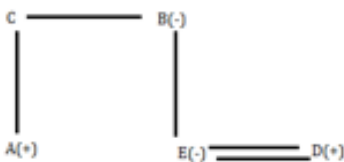
From the given statements, four persons are sitting left of L whose age is divisible by 5. Now L's age will be 40 or 55. N sits between M and P whose age is divisible by 11. So, P's age will be 33 or 55. Here, Case 2 is ruled out. Neither L nor P is oldest person. N's age is divisible by 5.

So, final arrangement will be: -



**S49. Ans.(d)**

**Sol.**



**BILINGUAL**

# Bank Prime Test Pack

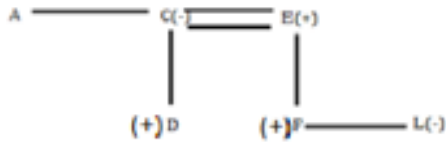
IBPS | SBI | LIC | RBI | Others

**1200+ Total Tests**

**12 Months Validity**

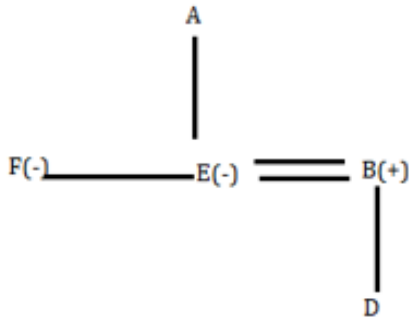
S50. Ans.(a)

Sol.



S51. Ans.(e)

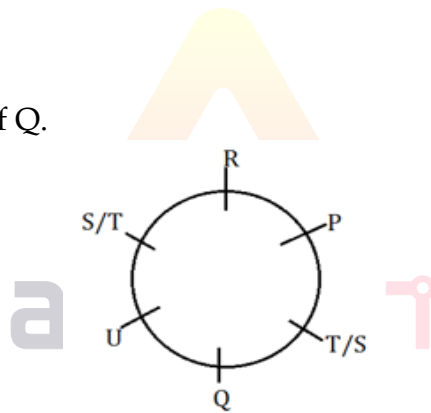
Sol.



With respect to age:  $F < E < A$ .

S52. Ans.(a)

Sol. From I, U sits immediate left of Q.



S53. Ans.(e)

Sol. By combining I & II, B is the oldest person.

$B > D > C > E > A$

S54. Ans.(c)

Sol. From I, code of "demand" is "hj" and from II, code of "demand" is "bh".

S55. Ans.(d)

Sol.

Symbol	#	©	%	\$	@
Meaning	<	>	=	≥	≤

I. M©L (True)

II. T#J (False)

III. T%J (False)

S56. Ans.(a)

Sol.

Symbol	#	©	%	\$	@
Meaning	<	>	=	≥	≤

I. T©M (false)

II. L©T (false)

III. T#R (false)

S57. Ans.(e)

Sol.

Symbol	#	©	%	\$	@
Meaning	<	>	=	≥	≤

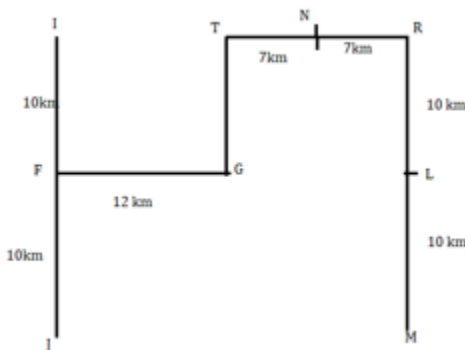
I. H#N (false)

II. J#G (false)

III. R\$J (false)

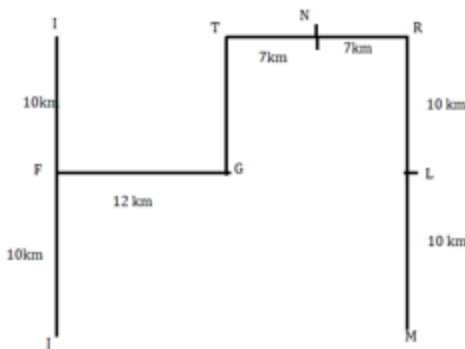
S58. Ans.(b)

Sol.



S59. Ans.(a)

Sol.



**S60. Ans.(c)**

**Sol.** Statement I can be assumed from the given statement as the reason behind increase in funding can be the alarming challenge of climate change which require more focus and fund to deal with it. Statement II can't be assumed from the given statement as we can't compare the problem of climate change with other global issues.

**S61. Ans.(b)****Sol.**

Let man invested at the rate of  $4x$  % per annum and for the period of time is  $x$  yr

ATQ—

$$2400 \times \frac{4x \times x}{100} = 864$$

$$4x^2 = \frac{864}{24}$$

$$4x^2 = 36$$

$$x^2 = 9$$

$$x = 3$$

So, Rate of interest =  $4 \times 3 = 12\%$  per annum

Time of period = 3 years.

Equivalent C.I. of two year at the rate of 12% per annum

$$= 12 + 12 + \frac{12 \times 12}{100}$$

$$= 25.44\%$$

$$(2400 + X) \frac{25.44}{100} = 814.08$$

$$610.56 + 0.2544X = 814.08$$

$$0.2544X = 203.52$$

$$X = 800 \text{ Rs.}$$



adda247

**S62. Ans.(e)****Sol.**

Let speed of faster train be  $9x$  m/s and speed of slower train be  $7x$  m/s

When both train increased their speed by 25%

New speed of faster train

$$= 9x \times \frac{125}{100}$$

$$= 11.25x \text{ m/s}$$

New speed of slower train

$$= 7x \times \frac{125}{100}$$

$$= 8.75x \text{ m/s}$$

ATQ—

$$(11.25x - 8.75x) = \frac{120 + 180}{36}$$

$$2.5x = \frac{300}{36}$$

$$x = \frac{10}{3}$$

Usual speed of slower train

$$= 7 \times \frac{10}{3}$$

$$= \frac{70}{3} \text{ m/s}$$

$$\text{Usual speed of faster train} = 9 \times \frac{10}{3} = \frac{90}{3} \text{ m/s}$$

$$\text{Relative speed} = \frac{70+90}{3} = \frac{160}{3} \text{ m/s}$$

$$\text{Required time} = \frac{(120+180) \times 3}{160} = \frac{900}{160} = \frac{45}{8} \text{ sec.}$$

**S63. Ans.(d)**

**Sol.**

Ratio of profit share of A and B

$$= \left[ (X + 1200)8 + \left( \frac{X+1200}{2} \right) \times 4 \right] : [8(X + 1500) + (2X + 3000) \times 4]$$

$$= (10X + 12000) : (16X + 24000)$$

$$\frac{(10X+12000)}{(16X+24000)} = \frac{4250}{11250-4250}$$

$$\frac{(10X+12000)}{(16X+24000)} = \frac{17}{28}$$

$$\frac{(10X+12000)}{(16X+24000)} = \frac{17}{28}$$

$$280X - 272X = 408000 - 336000$$

$$8X = 72000$$

$$X = 9000 \text{ Rs.}$$

$$\text{B initial investment} = 9000 + 1500 = \text{Rs } 10500$$

$$\text{Three times of B investment} = 10500 \times 3 = 31500 \text{ Rs.}$$

**S64. Ans.(b)**

**Sol.**

Total potassium farmer A has

$$= (\theta + 54) \times \frac{3}{5} \text{ kg}$$

$$\text{Total urea farmer A has} = (\theta + 54) \times \frac{2}{5} \text{ kg}$$

$$\text{Total potassium farmer B has} = (\theta + 84) \times \frac{2}{3} \text{ kg}$$

$$\text{Total Urea farmer B has} = (\theta + 84) \times \frac{1}{3} \text{ kg}$$

ATQ—

$$(\theta + 54) \times \frac{40}{100} = (\theta + 84) \times \frac{1}{3}$$

$$\theta = 96 \text{ kg}$$

Quantity of potassium in mixture of farmer B

$$= (96 + 84) \times \frac{2}{3}$$

$$= 120 \text{ kg}$$

**S65. Ans.(a)**

**Sol.**

ATQ—

$$\frac{a}{7+a+b} = \frac{5}{16}$$

$$16a = 35 + 5a + 5b$$

$$11a - 5b = 35 \dots(i)$$

Also,

$$\frac{b}{7+a+b} = \frac{1}{4}$$

$$4b = 7 + a + b$$

$$3b - a = 7 \dots(ii)$$

From (i) and (ii) we get

$$a = 5 \text{ and } b = 4$$

$$\text{Required difference} = 5 - 4 = 1$$



**English**



**Special Offer**

## NPS TRUST

**Manager | Assistant Manager**

**PHASE-I (All Streams)**

### 45 TOTAL TESTS



**S66. Ans.(a)**

**Sol.**

In 2016,

No. of HR managers in company D =  $\frac{3}{8} \times 480 = 180$

No. of male HR managers in company D =  $\frac{3}{5} \times 180 = 108$

No. of female HR managers in company D =  $180 - 108 = 72$

Newly recruited HR female managers =  $72 - 42 = 30$

No. of female HR managers who left = 24

Total no. of female HR managers in 2017 =  $72 - 24 + 30 = 78$

Req. percentage % =  $\frac{(78-72)}{72} \times 100$

$$= \frac{6}{72} \times 100$$

$$= \frac{100}{12} = 8\frac{1}{3}\%$$

**S67. Ans.(b)**

**Sol.**

No. of male HR managers in company A in 2016

$$= \frac{5}{12} \times \frac{25}{100} \times 480$$

$$= 50$$

No. of male HR managers in company A in 2017

$$= 50 - \left( \frac{1}{3} \times \frac{25}{100} \times 480 - 25 \right)$$

$$= 50 - (40 - 25)$$

$$= 35$$

No. of male HR managers in company B

$$= \frac{3}{4} \times \frac{12.5}{100} \times 480 + (40 - 25)$$

$$= 45 + 15$$

$$= 60$$

$$\text{Required\%} = \frac{35}{60} \times 100 = 58\frac{1}{3}\%$$



**S68. Ans.(c)**

**Sol.**

No. of male HR managers in company C in 2016

$$= \frac{5}{9} \times \frac{15}{100} \times 480$$

$$= 40$$

No. of female HR managers in company C in 2016 =  $72 - 40 = 32$

Total number of female HR managers in 2017 in company C =  $32 + 13 = 45$

Total no. of HR managers in company C in 2017

$$= \frac{45}{9} \times (9 + 11)$$

$$= \frac{45}{9} \times 20$$

$$= 100$$

S69. Ans.(d)

Sol.

No. of male HR managers in company D in 2017

$$= \left( \frac{75}{100} \times \frac{37.5}{100} \times 480 \right) \times \frac{8}{15}$$

$$= 72$$

No. of female HR managers in company B in 2017

$$= \left( \frac{140}{100} \times \frac{12.5}{100} \times 480 \right) \times \frac{5}{12}$$

$$= 35$$

$$\text{Required ratio} = \frac{72}{35}$$

S70. Ans.(c)

Sol.

$$\text{Required}\% = \frac{\left( \frac{80}{100} \times \frac{25}{100} + \frac{75}{100} \times \frac{15}{100} \right) \times 480}{\frac{10}{100} \times 480} \times 100 \approx 300\%$$

S71. Ans.(a)

Sol.

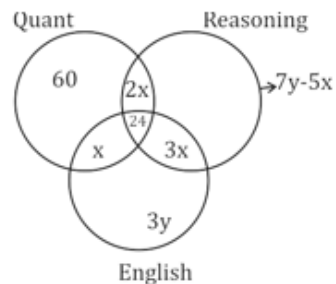
$$\text{Total no. of students who like all three subjects together} = 336 \times \frac{50}{700} = 24$$

Let no. of students who like only English =  $3y$

Let students who like both quant and English only, no. of students who like both reasoning and English only and student who like both quant and reasoning only are  $x$ ,  $3x$  and  $2x$  respectively.

$$\text{So, no. of students who like only Reasoning} = 3y \times \frac{700}{300} - 2x - 3x$$

$$= 7y - 5x$$



ATQ

$$2x + x + 24 + 3x = 96$$

$$6x = 72$$

$$x = 12$$

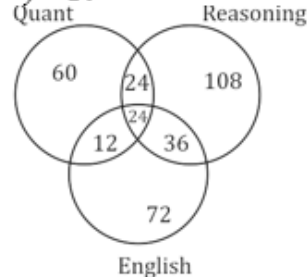
And

$$60 + 96 + 7y - 5x + 3y = 336$$

$$60 + 96 + 7y - 60 + 3y = 336$$

$$10y = 240$$

$$y = 24$$



Required no. of students = 108

**S72. Ans.(c)**

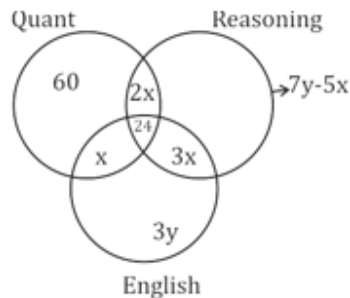
**Sol.**

Total no. of students who like all three subjects together =  $336 \times \frac{50}{700} = 24$

Let no. of students who like only English =  $3y$

Let students who like both quant and English only, no. of students who like both reasoning and English only and student who like both quant and reasoning only are  $x$ ,  $3x$  and  $2x$  respectively.

So, no. of students who like only Reasoning =  $3y \times \frac{700}{300} - 2x - 3x$   
 $= 7y - 5x$



**ATQ**

$$2x + x + 24 + 3x = 96$$

$$6x = 72$$

$$x = 12$$

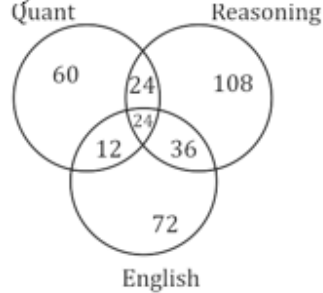
And

$$60 + 96 + 7y - 5x + 3y = 336$$

$$60 + 96 + 7y - 60 + 3y = 336$$

$$10y = 240$$

$$y = 24$$



Required ratio =  $24:24 = 1:1$

**S73. Ans.(e)**

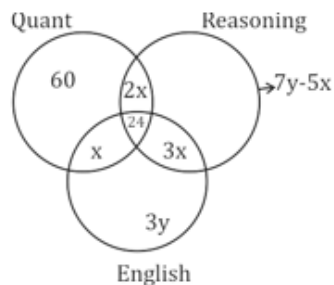
**Sol.**

Total no. of students who like all three subjects together =  $336 \times \frac{50}{700} = 24$

Let no. of students who like only English =  $3y$

Let students who like both quant and English only, no. of students who like both reasoning and English only and student who like both quant and reasoning only are  $x$ ,  $3x$  and  $2x$  respectively.

So, no. of students who like only Reasoning =  $3y \times \frac{700}{300} - 2x - 3x$   
 $= 7y - 5x$





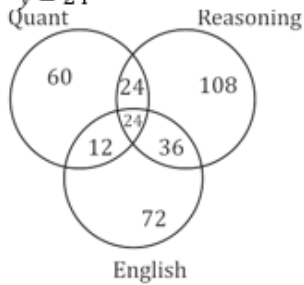
Special Offer

ECGC PO

45 Total Tests | eBooks

ATQ  
 $2x + x + 24 + 3x = 96$   
 $6x = 72$   
 $x = 12$

And  
 $60 + 96 + 7y - 5x + 3y = 336$   
 $60 + 96 + 7y - 60 + 3y = 336$   
 $10y = 240$   
 $y = 24$



Required percentage =  $\frac{12+24}{72} \times 100 = 50\%$

S74. Ans.(c)

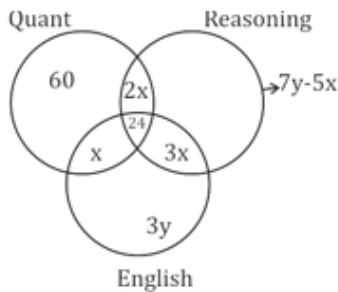
Sol.

Total no. of students who like all three subjects together =  $336 \times \frac{50}{700} = 24$

Let no. of students who like only English =  $3y$

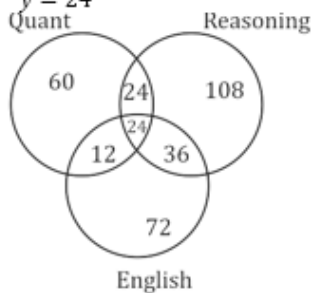
Let students who like both quant and English only, no. of students who like both reasoning and English only and student who like both quant and reasoning only are  $x$ ,  $3x$  and  $2x$  respectively.

So, no. of students who like only Reasoning =  $3y \times \frac{700}{300} - 2x - 3x$   
 $= 7y - 5x$



ATQ  
 $2x + x + 24 + 3x = 96$   
 $6x = 72$   
 $x = 12$

And  
 $60 + 96 + 7y - 5x + 3y = 336$   
 $60 + 96 + 7y - 60 + 3y = 336$   
 $10y = 240$   
 $y = 24$



Required average =  $\frac{336-96}{3} = 80$

S75. Ans.(e)

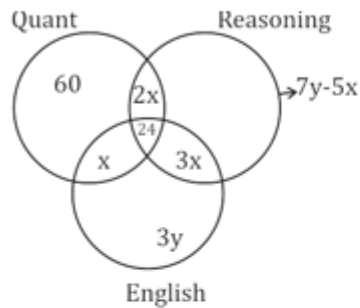
Sol.

Total no. of students who like all three subjects together =  $336 \times \frac{50}{700} = 24$

Let no. of students who like only English =  $3y$

Let students who like both quant and English only, no. of students who like both reasoning and English only and student who like both quant and reasoning only are  $x$ ,  $3x$  and  $2x$  respectively.

So, no. of students who like only Reasoning =  $3y \times \frac{700}{800} - 2x - 3x$   
 $= 7y - 5x$



ATQ

$$2x + x + 24 + 3x = 96$$

$$6x = 72$$

$$x = 12$$

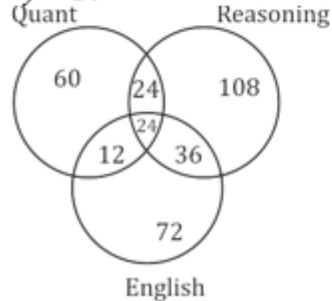
And

$$60 + 96 + 7y - 5x + 3y = 336$$

$$60 + 96 + 7y - 60 + 3y = 336$$

$$10y = 240$$

$$y = 24$$



$$\begin{aligned} \text{Required percentage} &= \frac{24+36}{12+24+36+72} \times 100 \\ &= \frac{60}{144} \times 100 \\ &= 41\frac{2}{3}\% \end{aligned}$$

S76. Ans.(c)

Sol.

Pattern of series

$$12 \times 0.5 + 1 = 7$$

$$7 \times 1 + 1.5 = 8.5$$

$$8.5 \times 1.5 + 2 = 14.75$$

$$? = 14.75 \times 2 + 2.5 = 32$$

$$32 \times 2.5 + 3 = 83$$

**S77. Ans.(a)****Sol.** Pattern of series —

$$12 \times 6 + 6 = 78$$

$$78 \times 5 + 5 = 395$$

$$395 \times 4 + 4 = 1584$$

$$1584 \times 3 + 3 = 4755$$

$$? = 4755 \times 2 + 2 = 9512$$

**S78. Ans.(e)**

**Sol.**  $26 \times 2 + 1 = 53$

$53 \times 4 + 2 = 214$

$214 \times 6 + 3 = 1287$

$1287 \times 8 + 4 = 10300$

$? = 10300 \times 10 + 5 = 103005$

**S79. Ans.(d)****Sol.**

Pattern of series —

$4187 - (11^3 - 1) = 2857$

$2857 - (9^3 - 1) = 2129$

$2129 - (7^3 - 1) = 1787$

$1787 - (5^3 - 1) = 1663$

$? = 1663 - (3^3 - 1) = 1637$

**S80. Ans.(e)****Sol.** Pattern of series

$27 \div 1 = 27$

$27 \times 2 = 54$

$54 \div 3 = 18$

$18 \times 4 = 72$

$? = 72 \div 5 = 14.4$

**S81. Ans.(b)****Sol.** Let age of A five Years ago and age of B five year hence are  $5x$  and  $8x$  years respectively.So, present age of A and B will be  $5x+5$  and  $8x-5$  respectively.Let age of B five years ago and present age of C is  $2y$  and  $3y$  years respectively.So, Present age of B and C will be  $2y+5$  and  $3y$  respectively.

ATQ

$$5x + 5 + 3y = 75$$

$$5x + 3y = 70 \dots \dots \dots (i)$$

And

$$8x - 5 = 2y + 5$$

$$8x - 2y = 10 \dots \dots \dots (ii)$$

On solving (i) and (ii)

$x=5$  and  $y = 15$

Required difference=  $8x - 5 - 5x - 5$

$= 3x - 10$

$= 15 - 10$

$= 5 \text{ years.}$



S82. Ans.(a)

Sol.

Ratio of efficiency of A and B = 5:3

Ratio of time taken to complete the work by A and C = 1: 2

So, ratio of efficiency of A and C = 2 : 1

So Ratio of efficiency of A, B and C= 10 : 6 : 5

$$\begin{aligned}\text{Required time} &= \frac{15 \times 6}{75} \times \frac{80}{15} \\ &= 6.4 \text{ days.}\end{aligned}$$

S83. Ans.(c)

Sol.

Let present salary of Ankit and Pankaj are Rs120x and Rs100 x respectively

$$\begin{aligned}\text{Previous year salary of Ankit} &= \frac{120x}{4} \times 3 \\ &= \text{Rs } 90x\end{aligned}$$

$$\begin{aligned}\text{Previous year salary of Pankaj} &= \frac{100x}{5} \times 4 \\ &= \text{Rs } 80x\end{aligned}$$

ATQ

$$90x - 80x = 2000$$

$$10x = 2000$$

$$\text{So, } 100x = \text{Rs. } 20000$$

S84. Ans.(c)

Sol.

Shopkeeper gives one article free at every 4 articles and gives 20% discount on one article it means he sold one article at 100% discount and remaining 4 articles at 20% discount each

$$\text{So, effective discount percent on each article} = \frac{100 + 20 \times 4}{5} = 36\%$$

$$\text{Cost price of each article} = \frac{270}{100} \times \frac{64}{108} \times 100 = \text{Rs. } 160$$

S85. Ans.(c)

Sol. Let radius and height of cylinder are 'r' and 'h' meter.

$$\begin{aligned}\text{ATQ} \\ \frac{2\pi rh}{2\pi r(r+h)} &= \frac{330}{1023} \\ \frac{h}{h+r} &= \frac{10}{31} \\ \Rightarrow 31h &= 10r + 10h \\ \Rightarrow 10r &= 21h \\ \Rightarrow r : h &= 21 : 10\end{aligned}$$

S86. Ans.(a)

Sol. From statement, I

ATQ

$$P \times \frac{6}{5} \times \frac{1}{3} = R$$

$$\frac{2P}{5} = R$$

$$\text{So, } \frac{P+5R}{P-R}$$

$$= \frac{P + \frac{5 \times 2P}{5}}{P - \frac{2P}{5}}$$

$$= 5$$

Hence, I alone is sufficient

From statement II.

$$P + R = 1400 \dots \dots (i)$$

$$\text{Also, } \frac{P}{R - 200} = \frac{5}{1}$$

$$5R - P = 1000 \dots \dots (ii)$$

On solving (i) and(ii)

$$P=1000, R=400$$

$$\frac{P+5R}{P-R} = \frac{3000}{600} = 5$$

Hence, II alone is sufficient

Hence, either I alone or II alone



S87. Ans.(d)

Sol.

From statement I.

Let the upstream speed be  $5x$  kmph and speed of boat in still water be  $8x$  kmph

Speed of stream =  $3x$  kmph

Let the distance travelled in upstream be  $z$  km.

ATQ,

$$\frac{z}{11x} + \frac{z}{5x} = 36 \dots \dots (i)$$

Hence statement I alone is not sufficient.

From statement II,

$$\frac{z}{11x} = 15$$

Hence II alone is not sufficient.

Using (I) and (II) both

$$15 + \frac{z}{5x} = 36 \dots \dots (ii)$$

$$z = 105x$$

Hence both I and II together are not sufficient.

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**S88. Ans.(e)**

**Sol.** Let age of Rohan, Mohan and Sohan be R, M and S years.

From statement I.

ATQ,  $R + M + S = 99$  years

$$\frac{R}{M + S} = \frac{6}{5}$$

Let  $R = 6a$  and  $M + S = 5a$

$$11a = 99$$

$$a = 9$$

$$R = 54 \text{ years}$$

$$S + M = 45 \text{ years}$$

From statement I, age of Sohan cannot be determined.

Hence, I is insufficient to answer.

From statement.

ATQ,

$$\frac{S}{(R - M)} = \frac{5}{8}$$

$$8S = 5R - 5M$$

Hence II is not sufficient to answer

Using I and II both

$$8S = 5 \times 54 - 5M$$

$$8S + 5M = 270 \dots\dots(i)$$

$$S + M = 45 \dots\dots(ii)$$

$$S = 15 \text{ years and } M = 30 \text{ years}$$

Hence both I and II together are required to give answer of the question

**S89. Ans.(b)**

**Sol.** Let the CP, SP and MP of the book be C Rs., S Rs. and M Rs. respectively.

From statement I,

ATQ

$$\frac{C}{M + S} = \frac{2}{5} \dots\dots(i)$$

$$\frac{S}{C} = \frac{7}{6}$$

Let  $S = 7a$  and  $C = 6a$

Put value of S and C in (i)

$$\frac{6a}{7a + M} = \frac{2}{5}$$

$$M = 8a$$

$$\text{Discount \%} = \frac{8a - 7a}{8a} \times 100 = 12.5\%$$

Hence, I alone is sufficient

From statement II,

As we do not know the value of MP, so we cannot calculate the discount %.

So, I alone is sufficient to answer the question.



**S90. Ans.(b)**

**Sol.** From statement I.

Let the efficiency of A, B and C be  $2x$  units/hour,  $3.5x$  units/hour and  $5x$  units/hour respectively.

Total work =  $7x \times 6 = 42x$  units

Time taken by B alone =  $\frac{42x}{3.5x} = 12$  hours

Hence, I alone is sufficient.

Since, no information is given about B,

Hence, II alone is insufficient.

So, only I alone is sufficient

**S91. Ans.(c)**

**Sol.** Refer to the first paragraph of the passage which mentions, "The government's move of bringing online news and current affairs portals along with "films and audio-visual programmes made available by online content providers" under the Ministry of Information and Broadcasting is as brazen as it is wily. Brazen, because this is an attack on the free press, targeted at a section that has been bold and forthright in speaking truth to power".

**S92. Ans.(b)**

**Sol.** With respect to the second paragraph which mentions, "Wily, because, it is clubbing the only sector of the media which has pre-censorship, namely films (through the Central Board of Film Certification), with the news media which has so far, at least officially, not been subject to pre-censorship, although media practitioners know the grave post-publication consequences of airing news or views critical or adversarial to the government of the day", we can say that the statement in option (b) is the correct choice.

**S93. Ans.(d)**

**Sol.** Option (d) supports the government's idea of censorship of digital media. Option (d) can be inferred from few lines of third paragraph which mention, "The instant case is that relating to Sudarshan News, in which hate speech is being disingenuously sought to be passed off as freedom of the press. The government's initial response was to ask the Court to look at regulating digital media rather than the mainstream TV channels. So the case itself has become tricky – if a TV channel indulging in hate speech is to be brought to book, it must be at the cost of regulating the media."

**S94. Ans.(c)**

**Sol.** The meaning of phrase 'brought the book' is 'punish someone for an offence' hence option (c) is correct choice.

**S95. Ans.(a)**

**Sol.** All options are incorrect except option (a). Correct option can be inferred from the few last lines of 3<sup>rd</sup> paragraph which mentions, "It, similarly, also hijacks another public interest litigation in the Supreme Court relating to content on "Over The Top" (OTT) platforms not being subject to regulation or official oversight to bring that sector too under the Ministry of Information and Broadcasting" therefore the correct choice will be option (a).

**S96. Ans.(b)**

**Sol.** Option (b) can be concluded from the last paragraph of the passage. From the mentioned lines, "It seeks to divide and rule the press by creating an artificial distinction between the new-age digital media (the stand-alone news portals which are already struggling to stay afloat) – which is the media of the future, the media of the millennial generation – and the older print and TV news media."

**S97. Ans.(a)**

**Sol.** Given word 'annexation' means 'a formal act whereby a state proclaims its sovereignty over territory hitherto outside its domain' and 'takeover' is most similar word which means 'the act of taking control of something'.

'Alter' means to make something different in some way, but without changing it completely; to become different.

'Granting' means to (officially) give somebody what he/she has asked for.

'Pave' means to cover an area of ground with flat stones (paving stones) or bricks.

'Rushed' means to move or do something with great speed, often too fast.

**S98. Ans.(b)**

**Sol.** Given word 'captive' means 'kept in a cage' and 'free' is the most opposite word.

'Prison' means a building where criminals are kept as a punishment.

'Restrain' means to keep somebody or something under control.

'Roam' means to walk or travel with no particular plan or aim.

'Shuttle' means a plane, bus or train that travels regularly between two places.

**S99. Ans.(e)**

**Sol. Sol.** The passage given above discusses the ongoing trend of plantation and greenery and how they have become part of interior designing. Here, apart from statement (E), none of the given statements is independent and will therefore be the first statement in the logical sequence which states the earlier habit of people for plantation. Further, statement (E) will be followed by statement (A) which mentions the changing habits of people nowadays. Statement (D) supports statement (A), where it talks about the experience for some people. Further, statement (F) will be the appropriate statement to follow (A) which adds more information about the people's behavior towards plants. Statement (C) will then follow statement (F) which mentions plants as a partner or friend of a human being. Further, statement (B) will conclude the given passage as it talks about how plants have been attractive for the interiors of our houses. Therefore, the correct sequence of the statements will be EADFCB. Hence, the correct choice will be the option (e).

**S100. Ans.(e)**

**Sol. Sol.** The passage given above discusses the ongoing trend of plantation and greenery and how they have become part of interior designing. Here, apart from statement (E), none of the given statements is independent and will therefore be the first statement in the logical sequence which states the earlier habit of people for plantation. Further, statement (E) will be followed by statement (A) which mentions the changing habits of people nowadays. Statement (D) supports statement (A), where it talks about the experience for some people. Further, statement (F) will be the appropriate statement to follow (A) which adds more information about the people's behavior towards plants. Statement (C) will then follow statement (F) which mentions plants as a partner or friend of a human being. Further, statement (B) will conclude the given passage as it talks about how plants have been attractive for the interiors of our houses. Therefore, the correct sequence of the statements will be EADFCB. Hence, the correct choice will be the option (e).

**S101. Ans.(b)**

**Sol. Sol.** The passage given above discusses the ongoing trend of plantation and greenery and how they have become part of interior designing. Here, apart from statement (E), none of the given statements is independent and will therefore be the first statement in the logical sequence which states the earlier habit of people for plantation. Further, statement (E) will be followed by statement (A) which mentions the changing habits of people nowadays. Statement (D) supports statement (A), where it talks about the experience for some people. Further, statement (F) will be the appropriate statement to follow (A) which adds more information about the people's behavior towards plants. Statement (C) will then follow statement (F) which mentions plants as a partner or friend of a human being. Further, statement (B) will conclude the given passage as it talks about how plants have been attractive for the interiors of our houses. Therefore, the correct sequence of the statements will be EADFCB. Hence, the correct choice will be the option (b).

**S102. Ans.(d)**

**Sol. Sol.** The passage given above discusses the ongoing trend of plantation and greenery and how they have become part of interior designing. Here, apart from statement (E), none of the given statements is independent and will therefore be the first statement in the logical sequence which states the earlier habit of people for plantation. Further, statement (E) will be followed by statement (A) which mentions the changing habits of people nowadays. Statement (D) supports statement (A), where it talks about the experience for some people. Further, statement (F) will be the appropriate statement to follow (A) which adds more information about the people's behavior towards plants. Statement (C) will then follow statement (F) which mentions plants as a partner or friend of a human being. Further, statement (B) will conclude the given passage as it talks about how plants have been attractive for the interiors of our houses. Therefore, the correct sequence of the statements will be EADFCB. Hence, the correct choice will be the option (d).

**S103. Ans.(c)**

**Sol. Sol.** The passage given above discusses the ongoing trend of plantation and greenery and how they have become part of interior designing. Here, apart from statement (E), none of the given statements is independent and will therefore be the first statement in the logical sequence which states the earlier habit of people for plantation. Further, statement (E) will be followed by statement (A) which mentions the changing habits of people nowadays. Statement (D) supports statement (A), where it talks about the experience for some people. Further, statement (F) will be the appropriate statement to follow (A) which adds more information about the people's behavior towards plants. Statement (C) will then follow statement (F) which mentions plants as a partner or friend of a human being. Further, statement (B) will conclude the given passage as it talks about how plants have been attractive for the interiors of our houses. Therefore, the correct sequence of the statements will be EADFCB. Hence, the correct choice will be the option (c).

**S104. Ans.(c)**

**Sol.** The above passage explains the construction of two railway lines by China near the border of Arunachal Pradesh. The grammatically and contextually correct word for the first blank will be 'strategically' which means 'helping you to achieve a plan'.

'Ordinary' means normal; not unusual or different from others.

'Cordially' means pleasant and friendly.

'Hostile' means having very strong feelings against somebody/something.

'Liberty' means the freedom to go where you want, do what you want, etc.

**S105. Ans.(a)**

**Sol.** The above passage explains the construction of two railway lines by China near the border of Arunachal Pradesh. The grammatically and contextually correct word for the second blank will be 'province' which means 'one of the areas that some countries are divided into with its own local government'.

'Constitute' means to be one of the parts that form something.

'Credits' means to believe something.

'Plank' means a long flat thin piece of wood that is used for building or making things.

'Victory' means success in winning a battle, game, competition, etc.

**S106. Ans.(d)**

**Sol.** The above passage explains the construction of two railway lines by China near the border of Arunachal Pradesh. The grammatically and contextually correct word for the third blank will be 'safeguarding' which means 'safeguard somebody's interest'.

'Abdicate' means to give something up, especially power or a position.

'Thumping' means very big or great.

'Margin' means the empty space at the side of a page in a book, etc.

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**S107. Ans.(b)**

**Sol.** The above passage explains the construction of two railway lines by China near the border of Arunachal Pradesh. The grammatically and contextually correct word for the fourth blank will be 'significant' which means 'important or large enough to be noticed'  
gloomy means dark in way that makes you feel sad  
expectancy means the state of expecting something to happen; hope

**S108. Ans.(e)**

**Sol.** The above passage explains the construction of two railway lines by China near the border of Arunachal Pradesh. The grammatically and contextually correct word for the last blank will be 'cutting' which means 'cut out or lessen'.  
'Deluge' means a sudden very heavy fall of rain; a flood.  
'Haggling' means to argue with somebody until you reach an agreement.  
'Currently' means at present; at the moment.  
'Situated' means in a particular place or position.

**S109. Ans.(d)**

**Sol.** Error lies in option (d) where 'its' should be replaced by 'their' because noun 'DMs' here is plural. We use 'its' for singular to show possession.

**S110. Ans.(a)**

**Sol.** Error lies in option (a) where 'owner' should be replaced with 'owners' because the general rule for usage of the phrase "one of the" is:  
One of the + PLURAL NOUN + that/who etc. + SINGULAR/PLURAL VERB

**S111. Ans.(e)**

**Sol.** All the given sentences are grammatically correct. Hence, the correct choice is option (e).

**S112. Ans.(b)**

**Sol.** The Error lies in option (b) where 'initially' should be replaced with 'initial' because we need adjective here for noun 'data' while initially is an 'adverb'.

**S113. Ans.(b)**

**Sol.** The Error lies in option (b) where 'when' will be replaced with 'while' because to emphasize (focus) that an action was in progress at a specific time, use While.

**S114. Ans.(b)**

**Sol.** The Error lies in option (b) where 'have' should be replaced with 'has' because noun is singular here which is 'a team'.



**S115. Ans.(d)**

**Sol.** The Error lies in option (d) where 'were' should be 'was' because we use helping verb according to the 'noun' before 'along with'.

**S116. Ans.(c)**

**Sol.** The most suitable word for the given blank will be 'voluntarily' which means 'of one's own accord or by free choice'.

'Quantum' means a very small quantity of electromagnetic energy.

'Regret' means to feel sorry that you did something or that you did not do something.

'Persuade' means to make somebody do something by giving him/her good reasons.

'Nostalgic' means thinking fondly of a past time or condition.

**S117. Ans.(e)**

**Sol.** The most suitable word for the given blank will be 'verdict' which means 'the finding or decision of a jury on the matter submitted to it in trial'.

'Internal' means of or situated on the inside.

'Force' means strength or energy as an attribute of physical action or movement.

'Organize' means arrange systematically; order.

'Crossover' means a point or place of crossing from one side to the other.

**S118. Ans.(a)**

**Sol.** The most suitable word for the given blank will be 'amend' which means 'make minor changes in order to make it fairer or more accurate'.

'Mutant' means resulting from or showing the effect of mutation.

'Appearance' means the way that someone or something looks.

'Accelerate' means to begin to move more quickly.

**S119. Ans.(d)**

**Sol.** The most suitable word for the given blank will be 'indeed' which means 'used to emphasize a statement or response confirming something already suggested'.

'Fiery' means having the bright colour of fire.

'Reflect' means throw back (heat, light, or sound) without absorbing it.

'Notions' means a conception of or belief about something.

'Counters' means work surface.

**S120. Ans.(b)**

**Sol.** The most suitable word for the given blank will be 'obsessed' which means 'preoccupy or fill the mind of (someone) continually and to a troubling extent'.

'Diverse' means showing a great deal of variety; very different.

'Access' means the means or opportunity to approach or enter a place.

'Incorporate' means take in or contain (something) as part of a whole; include.

'Suitable' means right or appropriate for a particular person, purpose, or situation.

**S121. Ans.(b)**

**Sol.** HDFC Bank has announced a strategic partnership with Adobe to enhance the Digital Experiences of its Customers.

**S122. Ans.(a)**

**Sol.** Bangladesh has decided to construct a monument for the Indian soldiers who died in 1971 during the Bangladesh's struggle for independence from Pakistan.

**S123. Ans.(a)**

**Sol.** Mohamed Ould Bilal has been appointed as the new Prime Minister of Mauritania.

**S124. Ans.(c)**

**Sol.** Indian Bank has launched 'Ind Guru', an e-learning platform for its employees.

**S125. Ans.(d)**

**Sol.** Meghalaya has entered into a partnership with Israel to establish a one of a kind Centre of Excellence(CoE) on high-value vegetables in the state to improve and promote the livelihoods of farmers.

**S126. Ans.(c)**

**Sol.** Ministry of Housing and Urban Affairs has entered into an MoU with "Swiggy", one of the leading food delivery platforms, to onboard street food vendors on its e-commerce platform.

**S127. Ans.(e)**

**Sol.** India hosted the 19th Meeting of the Shanghai Cooperation Organisation (SCO) Ministers of Foreign Economy and Foreign Trade.

**S128. Ans.(d)**

**Sol.** A 23-year-old, Mumbai based girl, Aishwarya Sridhar became the first Indian woman to win the 2020 Wildlife Photographer of the Year award. It is the 56th year of the prestigious award. Her image titled 'Lights of passion', won among 50,000 entries from over 80 countries across the world.

**S129. Ans.(e)**

**Sol.** The Theme of World Migratory Bird Day 2020 is "Birds Connect Our World".

**S130. Ans.(a)**

**Sol.** Nokia has been selected by NASA to build the first cellular network on the moon.

**S131. Ans.(b)**

**Sol.** Bandhan Bank has set up a new vertical called "Emerging Entrepreneurs Business (EEB)" to support the emerging needs of the unbanked and underbanked segment of customers.



**S132. Ans.(c)**

**Sol.** 75th anniversary of the end of World War II was observed on 2nd sept 2020.

**S133. Ans.(b)**

**Sol.** China has successfully launched "APSTAR-6D" telecommunication satellite via a Long March 3B carrier rocket from Xichang Satellite Launch Center. It has been developed by China Academy of Space Technology.

**S134. Ans.(d)**

**Sol.** Capital of Senegal is Dakar.

Currency: West African CFA Franc.

**S135. Ans.(a)**

**Sol.** The state government of Gujarat has announced a 'Digital Seva Setu' programme to ensure optimum utilisation of technology for public welfare in rural areas.

**S136. Ans.(c)**

**Sol.** The central bank has imposed a penalty of Rs 22 lakh on DCB Bank for non-compliance with certain provisions on marketing/distribution of mutual fund/insurance etc.

**S137. Ans.(b)**

**Sol.** Australian all-rounder, Shane Watson has announced his retirement from all forms of cricket.

**S138. Ans.(a)**

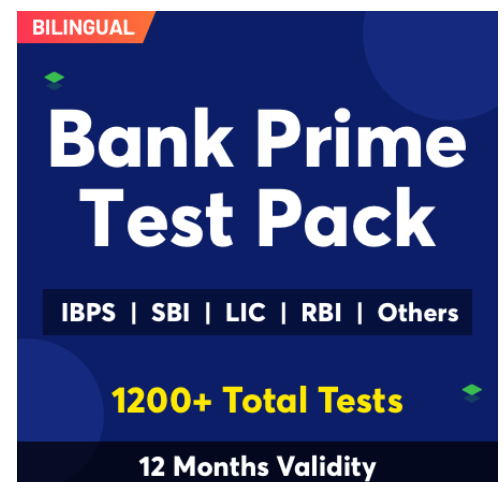
**Sol.** India has entered into a Memorandum of Understanding (MoU) with Denmark in the field of Intellectual Property (IP) Cooperation.

**S139. Ans.(d)**

**Sol.** The Federation of Automobile Dealers Associations (FADA) has announced the appointment of Vinkesh Gulati as its 35th President for the year 2020-22. He succeeds Ashish Harsharaj Kale as the new FADA President.

**S140. Ans.(e)**

**Sol.** On the occasion of Bank of India (BoI)'s 115th Foundation Day, BoI has launched an international contactless debit card, "Signature Visa Debit Card" for high net worth individuals who are maintaining an average quarterly balance of Rs 10 lakhs and above.



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**S141. Ans.(a)**

**Sol.** India has been ranked 105th position “Global Economic Freedom Index 2020 Annual Report” by Canada’s Fraser Institute, which has been released in India in conjunction with Center for Civil Society, New Delhi-based think tank. This is the 24th edition of Economic Freedom of the World. Hong Kong topped the Index with a score of 8.94, followed by Singapore (8.65) and New Zealand (8.53).

**S142. Ans.(d)**

**Sol.** Bagurumba is a folk dance of indigenous Bodo tribe in Assam and Northeast India.

**S143. Ans.(d)**

**Sol.** Kezang D Thongdok has bagged the Dada Saheb Phalke Award 2020 for a short documentary "Chi Lupo".

**S144. Ans.(b)**

**Sol.** United Nations celebrates World Youth Skills Day globally on 15 July every year. The theme of World Youth Skills Day 2020 is “Skills for a Resilient Youth”.

**S145. Ans.(c)**

**Sol.** The “State Of The World’s Nursing Report-2020” has been released by the World Health Organization. The report outlines the role and contributions of nurses with respect to the WHO “triple billion” targets.

**S146. Ans.(a)**

**Sol.** Madhya Pradesh government has started "Street Vendor Registration" and “Mukhyamantri Shahri Path Vyavsayi Utthan Yojana” and transferred Rs 300 crore to urban local bodies.

**S147. Ans.(b)**

**Sol.** Roger Federer has topped the list of world’s highest-paid athlete for 2020 with an estimated \$106.3 million.

**S148. Ans.(e)**

**Sol.** IIT Kanpur has developed a classroom-to-home teaching setup ‘Mobile Masterjee’. It can record the lectures or instructions by the teachers while using their available smartphones.

**S149. Ans.(c)**

**Sol.** The 1st World Solar Technology Summit was held virtually. The summit was inaugurated by Prime Minister of India Narendra Modi. The main objective of the summit is to pay attention to state-of-the-art technologies and next-generation technologies.

**S150. Ans.(d)**

**Sol.** The 4th edition of Global Ayurveda Summit was virtually inaugurated by Vice-President Muppavarapu Venkaiah Naidu on the theme “Emerging Opportunities for Ayurveda during Pandemic”. The objective of the summit is to showcase the Ayurveda immunity model to the global level as a solution named ‘Health as One’ and ‘Immunity through Ayurveda’.

**S151. Ans.(b)**

**Sol.** Defence Institute of Advanced Technology, DIAT (DU) has launched two products namely Pavitrapati” & “Aushada tara” to fight against COVID-19.

**S152. Ans.(d)**

**Sol.** The book, titled “RAW: A History of India’s Covert Operations” has authored by investigative journalist and author Yatish Yadav.

**S153. Ans.(e)**

**Sol.** Essential details required for remitting funds through NEFT system are-Beneficiary's Name,Beneficiary's Branch Name,Beneficiary's Bank Name,Beneficiary's Account Type,Beneficiary's Account No. & Beneficiary's Branch IFSC.

**S154. Ans.(b)**

**Sol.** Parle agro ropes in Priyanka Chopra Jonas as its brand ambassador.

**S155. Ans.(a)**

**Sol.** India plans to host BRICS Games in 2021.

**S156. Ans.(e)**

**Sol.** IDFC First Bank to launch “SafePay” contactless debit card facility.

**S157. Ans.(b)**

**Sol.** Dodoma is the Capital of Tanzania.

**S158. Ans.(d)**

**Sol.** Indian Railways targets to become ‘Green Railway’ by 2030.

**S159. Ans.(e)**

**Sol.** Phansad Wildlife Sanctuary is located in Maharashtra.

**S160. Ans.(c)**

**Sol.** Rudrendra Tandon appointed India’s next Ambassador to Afghanistan

**S161. Ans.(c)**

**Sol.** Prime Minister Narendra Modi has launched the country's first seaplane service between the Statue of Unity near Kevadiya in Gujarat's Narmada district and Sabarmati Riverfront in Ahmedabad.

The 19-seater seaplane will be managed by private airline SpiceJet. The service will cover the 200km distance between Sabarmati and Kevadia, in just 45 minutes by flight, which usually takes 4 hours.

**S162. Ans.(d)**

**Sol.** Panna National Park in Madhya Pradesh has been declared a UNESCO Biosphere Reserve, a site that will serve as a lab to test innovative approaches to eco-conservation and sustainability.

"Biosphere Reserves are learning places for sustainable development whose aim is to reconcile biodiversity conservation and the sustainable use of natural resources.

**S163. Ans.(d)**

**Sol.** The Feni bridge is 1.8 km long joining Sabrum in India with Ramgarh in Bangladesh. The Government of India recently announced that the bridge construction is to be completed by December 2020. The bridge is to be built over Feni river. It will link Tripura with Bangladesh. After completion, the bridge will be the only land link between India's eastern states and its western states other than Assam. The key stone for the bridge was officially laid by Indian Prime Minister Narendra Modi and Bangladesh Prime Minister Sheikh Hasina in June 2015.

**S164. Ans.(a)**

**Sol.** Healthcare brand Dr Trust has signed ace Indian cricketer Rohit Sharma as its new brand ambassador.

Rohit Sharma will be featured in a new integrated campaign for Dr Trust which will run across TV, print and online channels as well as in-store – rolling out from October 2020.

**S165. Ans.(c)**

**Sol.** Global Himalayan Expedition, an Indian organisation that leverages tourism and technology to help remote communities access solar energy has won a prestigious UN award for its efforts to combat climate change amid the COVID-19 pandemic. GHE is among the winners of the 2020 UN Global Climate Action Award.

GHE is one of the world's first organisations using tourism and technology to bring solar energy to remote communities.

**S166. Ans.(d)**

**Sol.** In West Bengal, Kolkata will soon feature India's first "Tyre Park", where artworks made from scrap and defective parts will be on display. The West Bengal Transport Corporation will launch this Tyre Park.

The Tyre Park, which will come up at the Esplanade area, would have a small cafe where people can sit, relax and enjoy the craftsmanship made from tyres.

**S167. Ans.(e)**

**Sol.** Government of India has approved the name of Former Foreign Service officer, Yashvardhan Kumar Sinha as the new Chief Information Commissioner.

Sinha was sworn in as information commissioner in the CIC on January 1, 2019. A former diplomat, Sinha has served as high commissioner of India to the United Kingdom and Sri Lanka. His predecessor Bimal Julka had completed his tenure as Chief Information Commissioner on August 26.

**S168. Ans.(a)**

**Sol.** 'Night of the Restless Spirits' is author Sarbpreet Singh's recounting of the Sikh massacre of 1984. The book is a fictionalised version of real happenings comprising just eight chapters. Not for the faint-hearted, Night of the Restless Spirits, shows the events of 1984 through the prism of many lives and explores its far-reaching impact on members of the community as well as on non-Sikhs associated with them.

**S169. Ans.(d)**

**Sol.** South Korea based electronics conglomerate, Samsung Electronics has topped the list of 'World's Best Employer 2020' published by Forbes'. Amazon, IBM, Microsoft and LG are among the top 5 in the list respectively.

From India, HCL Technologies is the top industry in the list. It is placed at the 30th position globally. In the Banking sector, HDFC Bank is top from India. It is at 176th position. NTPC ranks 1st among Indian PSUs in Forbes' World's Best Employer 2020.

**S170. Ans.(d)**

**Sol.** The Indian men's football team have dropped by one place and are placed at the 109th position in the latest FIFA rankings, which got updated on Thursday. India has 1187 points and have not lost or gained any since the last update which took place in July.

India, amid the Covid-19 pandemic, was ranked 108 from the November 2019 to July 2020 editions. Belgium (top) remains at the summit ahead of France and Brazil, who complete the podium, while England continues to occupy fourth place.

**S171. Ans.(d)**

**Sol.** State Bank of India (SBI) has signed a loan agreement of up to \$1 billion with The Japan Bank for International Cooperation (JBIC). The loan will facilitate the operations of Japanese car companies in India. The financing will assist in Government of India's 'Make in India' initiative.

While \$600 million will be financed by JBIC, the rest will come from other participating lenders which include the Sumitomo Mitsui Banking Corporation, MUFG Bank, Mizuho Bank, Shizuoka Bank and Bank of Yokohama.

Aims: The loan is intended to promote the smooth flow of funds for the whole range of business operations of Japanese automobile manufacturers in India.

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**S172. Ans.(e)**

**Sol.** DBS Bank has been named the 'Safest Bank in Asia' for the 12th consecutive year by New York-based trade publication Global Finance. DBS' rankings as the fourth-safest commercial bank in the world and 14th safest bank globally remain unchanged from 2019 and 2018.

Environment is likely to remain uncertain, we are confident that our strong capital base, deep customer relationships and robust digital strategy will ensure that we are able to continue supporting our customers and communities.”

**S173. Ans.(a)**

**Sol.** First Plastic Currency issued by bank were Automated Teller Machine (ATM) cards which was issued by Barclays, London in 1967 and by Chemical Bank, New York in 1969.

Prior to this, in 1950's Diners Club and American Express introduced charge cards in USA. It was the first plastic currency but was not official as it was not issued by any bank.

**S174. Ans.(e)**

**Sol.** In a major step to boost the credit growth, the Reserve Bank of India (RBI) has eased Cash Reserve Ratio (CRR) requirement of commercial banks for 5-years.

So now the banks would not be needed to maintain the cash reserve ratio (CRR) for 5-years on their deposits for the amount equivalent to loans lent to automobiles, residential housing, and micro, small and medium enterprises (MSMEs) between 31 Jan-31 July, 2020 from their net demand and time liabilities (NDTL) for maintenance of the CRR.

**S175. Ans.(c)**

**Sol.** The Monetary Policy Committee (MPC) is a committee of the Central Bank in India (Reserve Bank of India), headed by its Governor, which is entrusted with the task of fixing the benchmark policy interest rate (repo rate) to contain inflation within the specified target level.

**S176. Ans.(a)**

**Sol.** CP can be issued for maturities between a minimum of 7 days and a maximum of up to one year from the date of issue. However, the maturity date of the CP should not go beyond the date up to which the credit rating of the issuer is valid

**S177. Ans.(b)****S178. Ans.(a)**

**Sol.** Apart from amounts maintained as Cash Reserve Ratio (CRR) with the Reserve Bank on its outside demand and time liabilities, it will be required to invest minimum 75 per cent of its "demand deposit balances" in Statutory Liquidity Ratio(SLR) eligible Government securities/treasury bills with maturity up to one year.

**S179. Ans.(a)**

**Sol.** The Reserve Bank of India has asked all the lending institutions to implement the waiver of interest on interest schemes for loans up to Rs 2 crore. The lending institutions also including non-banking financial companies.

The Reserve Bank of India had announced a moratorium on repayment of loan for six months in effect from March 1, 2020. The moratorium was provided in order to help businesses and individuals to overcome the financial problems that they faced during the COVID-19 lockdown because of disruption in normal business activities. Later, the Supreme Court had asked the Centre to implement the interest waiver scheme on loans up to Rs 2 crore under the RBI moratorium scheme on October 14, 2020.

**S180. Ans.(a)**

**Sol.** IndusInd Bank announced that it has gone live as a 'Financial Information Provider' (FIP) under the new 'Account Aggregator Framework' of the Reserve Bank of India (RBI), making it the first bank in the country to do so. Benefit: Customers can now avail a host of benefits such as viewing statements of their accounts, track deposits, plan investments (such as shares, mutual funds, Insurance, EPF, PPF), avail credit cards, etc. on a single window, thereby empowering them to take informed decisions pertaining to their finances.

**S181. Ans.(c)**

- Sol.**
- American MNC, Amazon has launched 'Audible Suno app' in India with 60 ad-free shows in Hindi and English.
  - Audible Suno is a world-first for Audible and reflects our commitment to creating exceptional entertainment for our Indian customers.
  - On Apple's App Store, these shows are available in the company's existing Audible app.
  - The Audible app comes with a 30-day free trial period after which users will have to pay a monthly subscription fee of Rs 199.

**S182. Ans.(c)**

- Sol.**
- The National Payments Corporation of India (NPCI) has launched UPI awareness campaign "UPI Chalega"
  - The National Payments Corporation of India (NPCI) is keen to further popularise its flagship Unified Payments Interface (UPI), which has clocked over 100 crore transactions per month.

**S183. Ans.(d)**

**Sol.** The total credits in BSBDA accounts should not exceed one lakh rupees in a year.



**S184. Ans.(a)**

**Sol.** At present, the minimum age of joining the scheme is 18 years and maximum is 40 years.

**S185. Ans.(d)**

**S186. Ans.(b)**

**Sol.** NASA's Stratospheric Observatory for Infrared Astronomy (SOFIA) has confirmed the presence of water on the sunlit surface of the Moon. This indicates that water is not only limited to cold shadowed place but could be distributed across the lunar surface.

About SOFIA: SOFIA is a modified Boeing 747SP aircraft. It allows astronomers to study the solar system and beyond. The study by SOFIA is different from what is studied by the ground-based telescopes.

**S187. Ans.(c)**

**Sol.** Governor: Tamilisai Soundararajan

**S188. Ans.(c)**

**Sol.** The Board of Control for Cricket in India (BCCI) on 1st November announced Jio as the title sponsor for the 2020 edition of the Women's T20 Challenge. The partnership will also have the support of Reliance Foundation Education and Sports For All (RF ESA). The Women's T20 Challenge is scheduled to be played from November 4 to November 9, in Sharjah.

**S189. Ans.(e)**

**Sol.** Priyanca Radhakrishnan on 2nd November became New Zealand's first-ever Indian-origin minister after Prime Minister Jacinda Ardern brought five new ministers into her executive.

Born in India, Ms. Radhakrishnan, 41, went to school in Singapore before moving to New Zealand to further her education. She has become the Minister for the Community and Voluntary Sector and Associate Minister for Social Development and Employment.

**S190. Ans.(a)**

**Sol.** Kerala was adjudged the best governed state in the country while Uttar Pradesh ended at the bottom in the large states category, according to the Public Affairs Index-2020 released by the Public Affairs Centre.

In the small state category, Goa ranked first, Worst performers who scored negative points are Manipur. Chandigarh emerged the best governed union territory in the category of UTs.

**S191. Ans.(e)**

**Sol.** Germany Capital- Berlin, Currency- Euro. Chancellor- Angela Merkel. President- Frank-Walter Steinmeier



**S192. Ans.(c)**

**Sol.** Hyderabad is located on the Musi River in the heart of the Telangana Plateau, a major upland region of the Deccan (peninsular India).

**S193. Ans.(e)**

**Sol.** Maithon Dam is built on the river of Barakar located at Maithon and is a big dam in tribal state Jharkhand. Maithon Dam is one of the most popular dams in Jharkhand and one of the most successful multipurpose projects in India.

**S194. Ans.(c)**

**Sol.** Madhya Pradesh Chief Minister Shivraj Singh Chauhan dedicated to the state, state-run power giant NTPC's 250 MW Solar Power Plant in Suwasra, District Mandasaur

**S195. Ans.(d)**

**S196. Ans.(a)**

**Sol.** The Banking Ombudsman Scheme was first introduced in 1995

**S197. Ans.(e)**

**Sol.** FDs range between a maturity period of seven days to 10 years.

**Sol.** The novel "Eleventh Hour" is authored by Crime writer Hussain Zaidi to pay tribute to the men in uniform.

**S198. Ans.(a)**

**Sol.** Suggi Kunitha is a festival dance in Karnataka. It is performed by Halakki Vokkaligas, a community of Karnataka.

**S199. Ans.(c)**

**Sol.** Kalidas Festival is an important festival of Maharashtra, usually held in Ramtek, Nagpur. It is celebrated in the honour of great Indian poet Kalidas.

**S200. Ans.(b)**

**Sol.** The Anshi National Park is located at a distance of 60 km from Karwar in Uttara Kannada district, Karnataka.

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