

All India MAHA Mock IBPS SO : IT, Marketing, HR, Agriculture (Solutions)

S1. Ans.(d)

Sol. (i) By using given conditions, four boxes are placed in between box A and the box which contain 7 apples. Box F placed below box A. Box G is placed at the middle of the stack. Number of apples in box B is 2.5 times of number of apples in box G. There is only possibility that box B contains 40 apples and box G contains 16 apples.

Case-1:

BOX	No. of apple
A	
G	16
	7

Case-2:

BOX	No. of apple
A	
G	16
	7

Case-3:

BOX	No. of apple
	7
G	16
A	

(ii) Box D contain 13 apples less than Box C and placed above C. That means box D contain 12 apples and Box C contain 25 apples. Only three boxes are placed in between Box D and E. Box B is placed above box C but below box D. By using these conditions case-3 will be eliminated. Now the cases will be-

Case-1:

BOX	No. of apple
A	
D	12
B	40
G	16
C/F	
E	7
F/C	

Case 1A

BOX	No. of apple
A	
D	12
F	
G	16
B	40
E	7
C	25

Case 2

BOX	No. of apple
D	12
A	
B	40
G	16
E	
C	25
F	7

(iii) Box C placed just below the box which contains odd number of apples. F contain number of apples which is perfect square of a number. By using these conditions case-2 will be eliminated. Sum of the total number of apples of top three boxes is less than the sum of total number of apples of last three boxes. This will eliminate Case 1. So, position of box F and B is fixed. The final arrangement is-



RBI ASSISTANT PRIME

55 TOTAL TESTS

Validity : 12 Month

BOX	Numbers of apple
A	32
D	12
F	9
G	16
B	40
E	7
C	25

S2. Ans.(b)

Sol. (i)- By using given conditions, four boxes are placed in between box A and the box which contain 7 apples. Box F placed below box A. Box G is placed at the middle of the stack. Number of apples in box B is 2.5 times of number of apples in box G. There is only possibility that box B contains 40 apples and box G contains 16 apples.

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G	16
	7

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BOX	No. of apple
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G	16
	7

Case-3:

BOX	No. of apple
	7
G	16
A	

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A	
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B	40
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E	7
F/C	

Case 1A

BOX	No. of apple
A	
D	12
F	
G	16
B	40
E	7
C	25

Case 2

BOX	No. of apple
D	12
A	
B	40
G	16
E	
C	25
F	7

(iii)- Box C placed just below the box which contains odd number of apples. F contain number of apples which is perfect square of a number. By using these conditions case-2 will be eliminated. Sum of the total number of apples of top three boxes is less than the sum of total number of apples of last three boxes. This will eliminate Case 1. So, position of box F and B is fixed. The final arrangement is-

BOX	Numbers of apple
A	32
D	12
F	9
G	16
B	40
E	7
C	25

S3. Ans.(c)

Sol. (i)- By using given conditions, four boxes are placed in between box A and the box which contain 7 apples. Box F placed below box A. Box G is placed at the middle of the stack. Number of apples in box B is 2.5 times of number of apples in box G. There is only possibility that box B contains 40 apples and box G contains 16 apples.

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G	16
	7

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BOX	No. of apple
A	
G	16
	7

Case-3:

BOX	No. of apple
	7
G	16
A	

(ii)- Box D contain 13 apples less than Box C and placed above C. That means box D contain 12 apples and Box C contain 25 apples. Only three boxes are placed in between Box D and E. Box B is placed above box C but below box D. By using these conditions case-3 will be eliminated. Now the cases will be-

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B	40
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C/F	
E	7
F/C	

Case 1A

BOX	No. of apple
A	
D	12
F	
G	16
B	40
E	7
C	25

Case 2

BOX	No. of apple
D	12
A	
B	40
G	16
E	
C	25
F	7

(iii)- Box C placed just below the box which contains odd number of apples. F contain number of apples which is perfect square of a number. By using these conditions case-2 will be eliminated. Sum of the total number of apples of top three boxes is less than the sum of total number of apples of last three boxes. This will eliminate Case 1. So, position of box F and B is fixed. The final arrangement is-

BOX	Numbers of apple
A	32
D	12
F	9
G	16
B	40
E	7
C	25



S4. Ans.(d)

Sol. (i)- By using given conditions, four boxes are placed in between box A and the box which contain 7 apples. Box F placed below box A. Box G is placed at the middle of the stack. Number of apples in box B is 2.5 times of number of apples in box G. There is only possibility that box B contains 40 apples and box G contains 16 apples.

Case-1:

BOX	No. of apple
A	
G	16
	7

Case-2:

BOX	No. of apple
A	
G	16
	7

Case-3:

BOX	No. of apple
	7
G	16
A	

(ii)- Box D contain 13 apples less than Box C and placed above C. That means box D contain 12 apples and Box C contain 25 apples. Only three boxes are placed in between Box D and E. Box B is placed above box C but below box D. By using these conditions case-3 will be eliminated. Now the cases will be-

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E	7
F/C	

Case 1A

BOX	No. of apple
A	
D	12
F	
G	16
B	40
E	7
C	25

Case 2

BOX	No. of apple
D	12
A	
B	40
G	16
E	
C	25
F	7

(iii)- Box C placed just below the box which contains odd number of apples. F contain number of apples which is perfect square of a number. By using these conditions case-2 will be eliminated. Sum of the total number of apples of top three boxes is less than the sum of total number of apples of last three boxes. This will eliminate Case 1. So, position of box F and B is fixed. The final arrangement is-

BOX	Numbers of apple
A	32
D	12
F	9
G	16
B	40
E	7
C	25

S5. Ans.(e)

Sol. (i)- By using given conditions, four boxes are placed in between box A and the box which contain 7 apples. Box F placed below box A. Box G is placed at the middle of the stack. Number of apples in box B is 2.5 times of number of apples in box G. There is only possibility that box B contains 40 apples and box G contains 16 apples.

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**HR/PERSONNEL
OFFICER
PRELIMS**

25 MOCK PAPERS

Validity : 12 Months

Case-1:

BOX	No. of apple
A	
G	16
	7

Case-2:

BOX	No. of apple
A	
G	16
	7

Case-3:

BOX	No. of apple
	7
G	16
A	

(ii)- Box D contain 13 apples less than Box C and placed above C. That means box D contain 12 apples and Box C contain 25 apples. Only three boxes are placed in between Box D and E. Box B is placed above box C but below box D. By using these conditions case-3 will be eliminated. Now the cases will be-

Case-1:

BOX	No. of apple
A	
D	12
B	40
G	16
C/F	
E	7
F/C	

Case 1A

BOX	No. of apple
A	
D	12
F	
G	16
B	40
E	7
C	25

Case 2

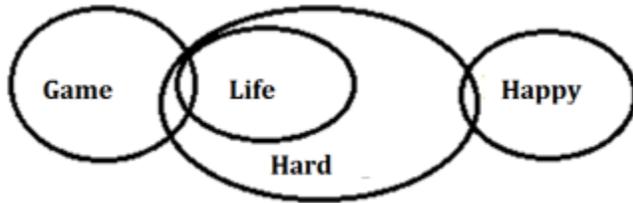
BOX	No. of apple
D	12
A	
B	40
G	16
E	
C	25
F	7

(iii)- Box C placed just below the box which contains odd number of apples. F contain number of apples which is perfect square of a number. By using these conditions case-2 will be eliminated. Sum of the total number of apples of top three boxes is less than the sum of total number of apples of last three boxes. This will eliminate Case 1. So, position of box F and B is fixed. The final arrangement is-

BOX	Numbers of apple
A	32
D	12
F	9
G	16
B	40
E	7
C	25

S6. Ans.(b)

Sol.



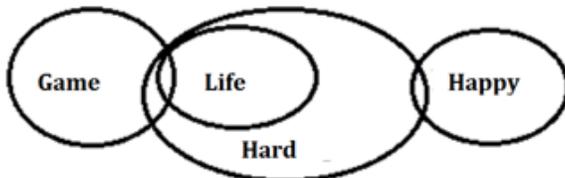
For I: There is no direct relation between happy and game. So, we can't say all happy can never be game.

For II: Some game are life and all life are hard. Hence, we can conclude some hard are game.

For III: From the given statements, there are no direct relation between happy and game. Hence, conclusion cannot be concluded.

S7. Ans.(c)

Sol.



For I: some game is life and all life are hard, so there is possibility of all happy are game.

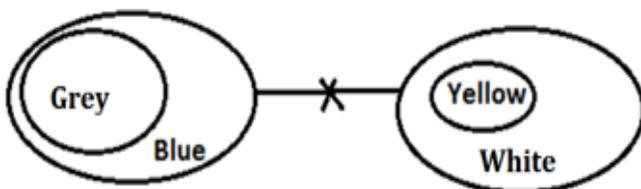
For II: from the venn diagram some hard is happy, but we can't say some hard are not happy. So, it can't be concluded.

For III: for only happy are hard we can say all hard are happy. Hence it can't be concluded.

But by combining conclusion II and III, there is all and some not case. So, it will be either or condition.

S8. Ans.(d)

Sol.



For I: No blue is white and all yellow is white. Hence it is not possible.

For II: It can be concluded because all grey is blue, and no blue is white but all yellow is white.

For III: From the venn diagram it is clear that no blue is yellow so it can also be concluded some blue is not yellow.

TEST SERIES

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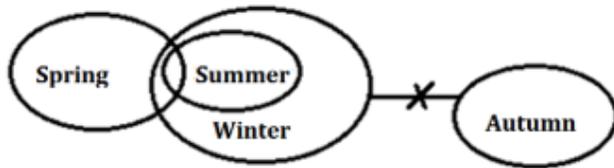
**IT OFFICER
PRELIMS**

25 MOCK PAPERS

Validity : 12 Months

S9. Ans.(b)

Sol.



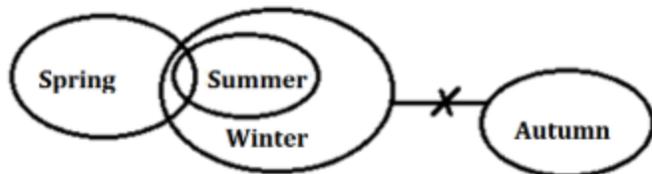
For I: From the venn diagram it is clear some winter is spring, but we can't say no winter is spring. Hence it cannot be concluded.

For II: only spring is winter means all winter is spring, and from the statement we know some winter is spring. So, it is possibility all winter is spring, but it is implemented only in case of possibility.

For III: all summer is winter, and no winter is autumn. Hence no summer is autumn.

S10. Ans.(a)

Sol.



For I: It is true because from the venn diagram some spring is winter and no winter is autumn. So, all spring can never be autumn.

For II: From the given statements some spring is summer, hence there is also possibility of some summer is not spring.

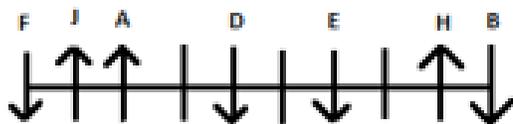
For III: all summer are winter, but all winter are not summer.

S11. Ans.(d)

Sol.

Five persons sit between A and H and both faces same direction. Neither A nor H sits at any end. F sits second to the left of A. D sits fourth to the left of F and both faces same direction. B is an immediate neighbor of H. E sits third to the right of B and faces same direction as B. J, who faces north is not a neighbor of D and E. We have following conditions-

Case 1



Case 2



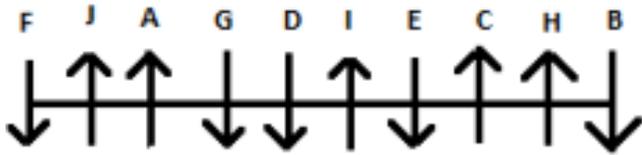
Case 3



Case 4



Now, Immediate neighbor of A faces opposite direction. I sit second to the left of C and both faces same direction. This will eliminate Case 2. G neither face same direction as C nor is an immediate neighbor of H. Not more than three persons sit between C and G. This will eliminate Case 3 and Case 4. So, the final arrangement will be-



S12. Ans.(e)

Sol. Five persons sit between A and H and both faces same direction. Neither A nor H sits at any end. F sits second to the left of A. D sits fourth to the left of F and both faces same direction. B is an immediate neighbor of H. E sits third to the right of B and faces same direction as B. J, who faces north is not a neighbor of D and E. We have following conditions-

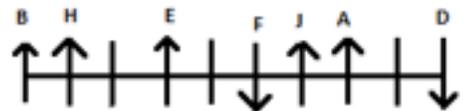
Case 1



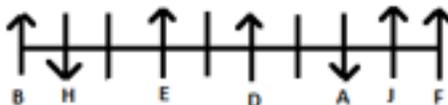
Case 2



Case 3



Case 4



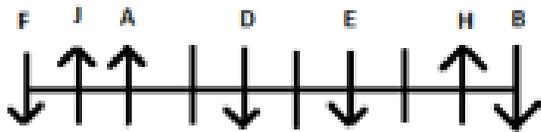
Now, Immediate neighbor of A faces opposite direction. I sit second to the left of C and both faces same direction. This will eliminate Case 2. G neither face same direction as C nor is an immediate neighbor of H. Not more than three persons sit between C and G. This will eliminate Case 3 and Case 4. So, the final arrangement will be-



S13. Ans.(a)

Sol. Five persons sit between A and H and both faces same direction. Neither A nor H sits at any end. F sits second to the left of A. D sits fourth to the left of F and both faces same direction. B is an immediate neighbor of H. E sits third to the right of B and faces same direction as B. J, who faces north is not a neighbor of D and E. We have following conditions-

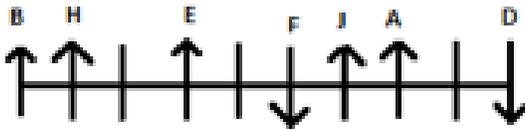
Case 1



Case 2



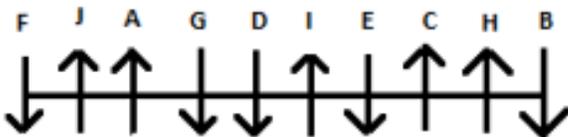
Case 3



Case 4



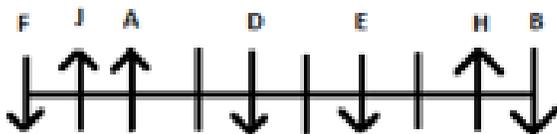
Now, Immediate neighbor of A faces opposite direction. I sit second to the left of C and both faces same direction. This will eliminate Case 2. G neither face same direction as C nor is an immediate neighbor of H. Not more than three persons sit between C and G. This will eliminate Case 3 and Case 4. So, the final arrangement will be-



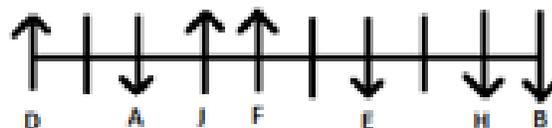
S14. Ans.(e)

Sol. Five persons sit between A and H and both faces same direction. Neither A nor H sits at any end. F sits second to the left of A. D sits fourth to the left of F and both faces same direction. B is an immediate neighbor of H. E sits third to the right of B and faces same direction as B. J, who faces north is not a neighbor of D and E. We have following conditions-

Case 1



Case 2



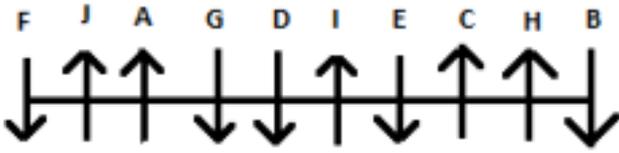
Case 3



Case 4



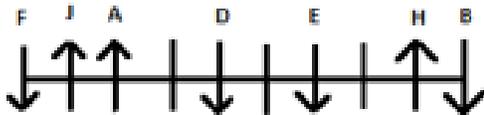
Now, Immediate neighbor of A faces opposite direction. I sit second to the left of C and both faces same direction. This will eliminate Case 2. G neither face same direction as C nor is an immediate neighbor of H. Not more than three persons sit between C and G. This will eliminate Case 3 and Case 4. So, the final arrangement will be-



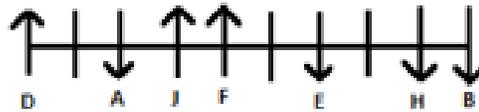
S15. Ans.(d)

Sol. Five persons sit between A and H and both faces same direction. Neither A nor H sits at any end. F sits second to the left of A. D sits fourth to the left of F and both faces same direction. B is an immediate neighbor of H. E sits third to the right of B and faces same direction as B. J, who faces north is not a neighbor of D and E. We have following conditions-

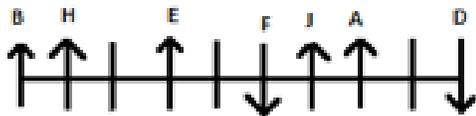
Case 1



Case 2



Case 3



Case 4



Now, Immediate neighbor of A faces opposite direction. I sit second to the left of C and both faces same direction. This will eliminate Case 2. G neither face same direction as C nor is an immediate neighbor of H. Not more than three persons sit between C and G. This will eliminate Case 3 and Case 4. So, the final arrangement will be-



S16. Ans.(d)

Sol.

Element	Code
copper	ru
black	bu
steel	ni
zinc	lu
alloy	do
platinum	jo
aluminium	su
gold/silver	re/ku

TEST SERIES

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**MARKETING
OFFICER
PRELIMS**

25 MOCK PAPERS

Validity : 12 Months

S17. Ans.(e)

Sol.

Element	Code
copper	ru
black	bu
steel	ni
zinc	lu
alloy	do
platinum	jo
aluminium	su
gold/silver	re/ku

S18. Ans.(b)

Sol.

Element	Code
copper	ru
black	bu
steel	ni
zinc	lu
alloy	do
platinum	jo
aluminium	su
gold/silver	re/ku



S19. Ans.(c)

Sol.

Element	Code
copper	ru
black	bu
steel	ni
zinc	lu
alloy	do
platinum	jo
aluminium	su
gold/silver	re/ku

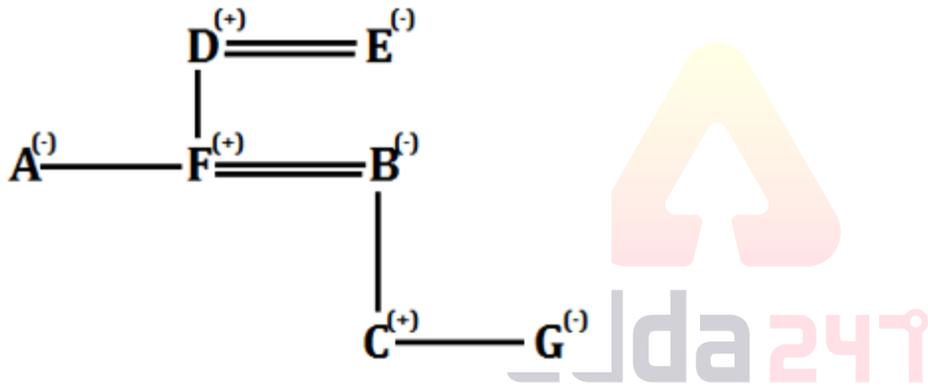
S20. Ans.(e)

Sol.

Element	Code
copper	ru
black	bu
steel	ni
zinc	lu
alloy	do
platinum	jo
aluminium	su
gold/silver	re/ku

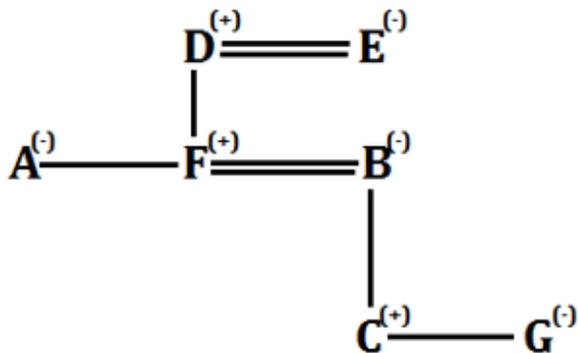
S21. Ans.(b)

Sol.



S22. Ans.(d)

Sol.



S23. Ans.(b)

Sol. With the above decision taken by the government, there must be focus on quality of education and hence it is clear that the government focus on value education. So only (d) is a valid option.

S24. Ans.(e)

Sol. All the given options may be the possible impacts of new 100per cent FDI rule except the last one because it is mentioned there that our domestic country will not get benefitted from this. It is acceptable that there may be exploitation of domestic resources but from this our domestic country will also get benefitted. On internal security issue, it may get affected somewhere.

S25. Ans.(d)

Sol. The present structure of Indirect Taxes is very complex in India. There are so many types of taxes that are levied by the Central and State Governments on Goods & Services. So, there is no doubt that when all the taxes are integrated, it will improve the ease of doing business ranking of India. So, I is a strong argument. It will definitely impact the existing processes, people and technology but we cannot say that it will give negative impact. As on real estate market, GST will have a significant impact. IV is true but not directly related to Indian economy. So, II, III and IV are not strong arguments.

S26. Ans.(a)

Sol.

Code	Symbol
\$	\geq
@	\leq
©	$>$
#	$<$
%	$=$

I. $D > A$ (false)

II. $G = D$ (false)

III. $D < G$ (false)

**S27. Ans.(d)**

Sol.

Code	Symbol
\$	\geq
@	\leq
©	$>$
#	$<$
%	$=$

I. $T > S$ (true)

II. $P < T$ (true)

III. $Y \geq P$ (true)

S28. Ans.(b)**Sol.**

Code	Symbol
\$	\geq
@	\leq
©	$>$
#	$<$
%	$=$

I. $H > R$ (false)**II.** $U < H$ (true)**III.** $R > H$ (false)**S29. Ans.(d)****Sol.**

Code	Symbol
\$	\geq
@	\leq
©	$>$
#	$<$
%	$=$

I. $Z < K$ (false)**II.** $R > K$ (true)**III.** $S \geq Z$ (true)**S30. Ans.(c)****Sol.**

Code	Symbol
\$	\geq
@	\leq
©	$>$
#	$<$
%	$=$

I. $A < W$ (true)**II.** $B \leq W$ (true)**III.** $M < V$ (false)

S31. Ans.(c)

Sol. N goes to Raipur but not in Garibrath. J has reservation in Dakshin. Q, who goes to Delhi has reservation in Rajdhani. Neither K nor O goes to Mumbai. L has reservation in Shatabdi. P goes to Chennai but do not have reservation in Garibrath or Link. K does not have reservation in Duranto. J does not goes to Lucknow. We have following conditions-

Person	City	Train
J	Lucknow	Dakshin
K	Mumbai	Duranto
L		Shatabdi
M		
N	Raipur	Garibrath
O	Mumbai	
P	Chennai	Garibrath, Link
Q	Delhi	Rajdhani

Now, the one who goes to Mumbai has reservation in Taj. The one who goes to Patna has reservation in Duranto. The one who has reservation in Garibrath neither goes to Kochi nor Lucknow. So, the final arrangement will be-

Person	City	Train
J	Kochi	Dakshin
K	Pune	Garibrath
L	Lucknow	Shatabdi
M	Mumbai	Taj
N	Raipur	Link
O	Patna	Duranto
P	Chennai	Sampark kranti
Q	Delhi	Rajdhani

S32. Ans.(e)

Sol. N goes to Raipur but not in Garibrath. J has reservation in Dakshin. Q, who goes to Delhi has reservation in Rajdhani. Neither K nor O goes to Mumbai. L has reservation in Shatabdi. P goes to Chennai but do not have reservation in Garibrath or Link. K does not have reservation in Duranto. J does not goes to Lucknow. We have following conditions-

Person	City	Train
J	Lucknow	Dakshin
K	Mumbai	Duranto
L		Shatabdi
M		
N	Raipur	Garibrath
O	Mumbai	
P	Chennai	Garibrath, Link
Q	Delhi	Rajdhani

Now, the one who goes to Mumbai has reservation in Taj. The one who goes to Patna has reservation in Duranto. The one who has reservation in Garibrath neither goes to Kochi nor Lucknow. So, the final arrangement will be-

Person	City	Train
J	Kochi	Dakshin
K	Pune	Garibrath
L	Lucknow	Shatabdi
M	Mumbai	Taj
N	Raipur	Link
O	Patna	Duranto
P	Chennai	Sampark kranti
Q	Delhi	Rajdhani

S33. Ans.(d)

Sol. N goes to Raipur but not in Garibrath. J has reservation in Dakshin. Q, who goes to Delhi has reservation in Rajdhani. Neither K nor O goes to Mumbai. L has reservation in Shatabdi. P goes to Chennai but do not have reservation in Garibrath or Link. K does not have reservation in Duranto. J does not goes to Lucknow. We have following conditions-

Person	City	Train
J	Lucknow	Dakshin
K	Mumbai	Duranto
L		Shatabdi
M		
N	Raipur	Garibrath
O	Mumbai	
P	Chennai	Garibrath, Link
Q	Delhi	Rajdhani

Now, the one who goes to Mumbai has reservation in Taj. The one who goes to Patna has reservation in Duranto. The one who has reservation in Garibrath neither goes to Kochi nor Lucknow. So, the final arrangement will be-

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J	Kochi	Dakshin
K	Pune	Garibrath
L	Lucknow	Shatabdi
M	Mumbai	Taj
N	Raipur	Link
O	Patna	Duranto
P	Chennai	Sampark kranti
Q	Delhi	Rajdhani

S34. Ans.(d)

Sol. N goes to Raipur but not in Garibrath. J has reservation in Dakshin. Q, who goes to Delhi has reservation in Rajdhani. Neither K nor O goes to Mumbai. L has reservation in Shatabdi. P goes to Chennai but do not have reservation in Garibrath or Link. K does not have reservation in Duranto. J does not goes to Lucknow. We have following conditions-

Person	City	Train
J	Lucknow	Dakshin
K	Mumbai	Duranto
L		Shatabdi
M		
N	Raipur	Garibrath
O	Mumbai	
P	Chennai	Garibrath, Link
Q	Delhi	Rajdhani

Now, the one who goes to Mumbai has reservation in Taj. The one who goes to Patna has reservation in Duranto. The one who has reservation in Garibrath neither goes to Kochi nor Lucknow. So, the final arrangement will be-

Person	City	Train
J	Kochi	Dakshin
K	Pune	Garibrath
L	Lucknow	Shatabdi
M	Mumbai	Taj
N	Raipur	Link
O	Patna	Duranto
P	Chennai	Sampark kranti
Q	Delhi	Rajdhani

TEST SERIES

Bilingual



RBI ASSISTANT

PRIME

55 TOTAL TESTS

Validity : 12 Month

S35. Ans.(e)

Sol. N goes to Raipur but not in Garibrath. J has reservation in Dakshin. Q, who goes to Delhi has reservation in Rajdhani. Neither K nor O goes to Mumbai. L has reservation in Shatabdi. P goes to Chennai but do not have reservation in Garibrath or Link. K does not have reservation in Duranto. J does not goes to Lucknow. We have following conditions-

Person	City	Train
J	Lucknow	Dakshin
K	Mumbai	Duranto
L		Shatabdi
M		
N	Raipur	Garibrath
O	Mumbai	
P	Chennai	Garibrath, Link
Q	Delhi	Rajdhani

Now, the one who goes to Mumbai has reservation in Taj. The one who goes to Patna has reservation in Duranto. The one who has reservation in Garibrath neither goes to Kochi nor Lucknow. So, the final arrangement will be-

Person	City	Train
J	Kochi	Dakshin
K	Pune	Garibrath
L	Lucknow	Shatabdi
M	Mumbai	Taj
N	Raipur	Link
O	Patna	Duranto
P	Chennai	Sampark kranti
Q	Delhi	Rajdhani

S36. Ans.(d)

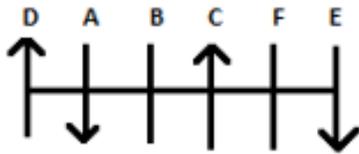
Sol. From I and II both we get,

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

S37. Ans.(b)

Sol.

From I we get,



From II we get,



S38. Ans.(e)

Sol. From I and II both we get,

Total number of boys is 15.

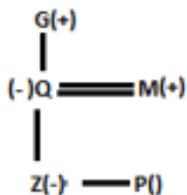
S39. Ans.(a)

Sol.

From I we get,



From II we get,



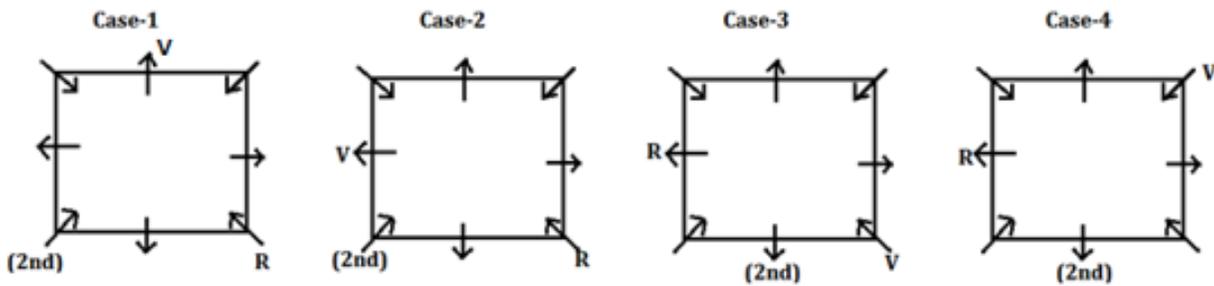
S40. Ans.(c)

Sol. From I we get 16 as the required date.

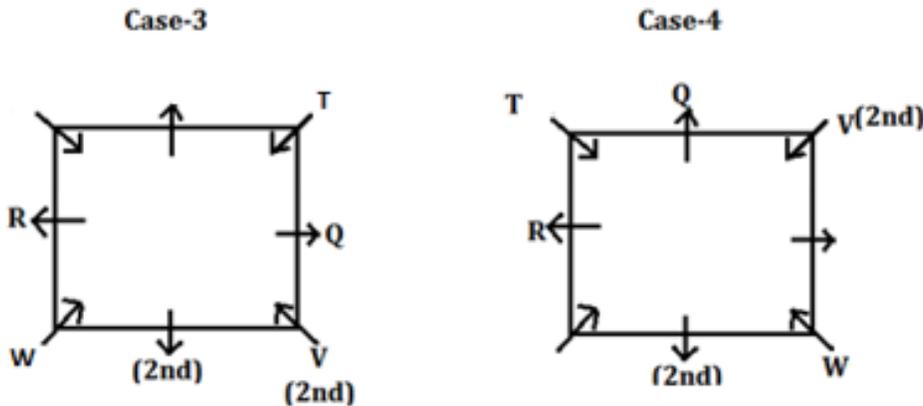
From II we get 8 as the required date.

S41. Ans.(b)

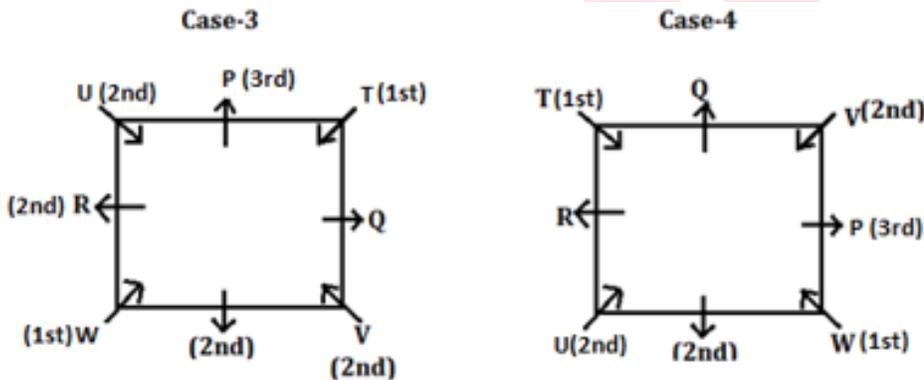
Sol. (i)- By using given condition, R sits second to the right of the one who lives on second floor. Only two persons sits between R and V who lives on second floor. There are four possible cases-



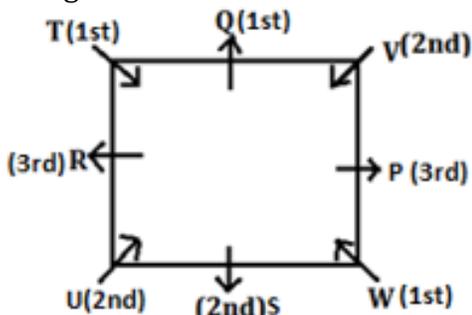
(ii)- Q lives on an odd numbered floor and sits third to the left of the one who sits second to the left of W. T and W facing each other and lives on same numbered floor. T lives on an odd numbered floor. By using this condition case-1 and case-2 will be eliminated.



(iii)- P live on third floor and is not an immediate neighbour of R. U sits second to the right of the one who lives on first floor and immediate right of the one who lives on second floor. U lives an even numbered floor.

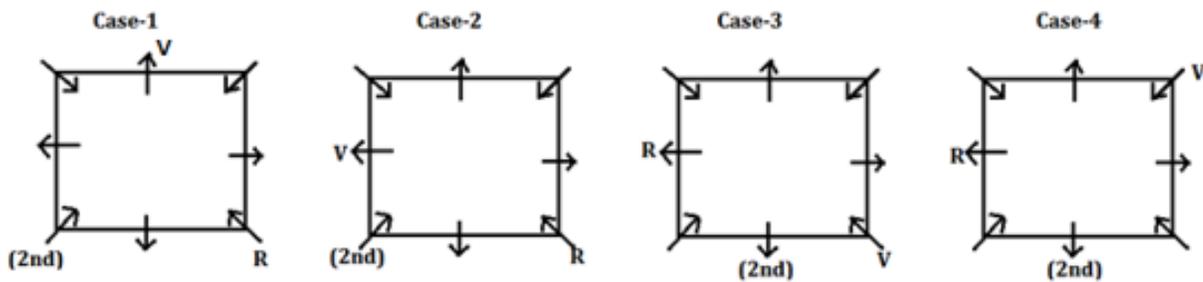


(iv)- R sits second to the left of the one who lives on first floor. This will eliminate Case 3. So, the final arrangement is-

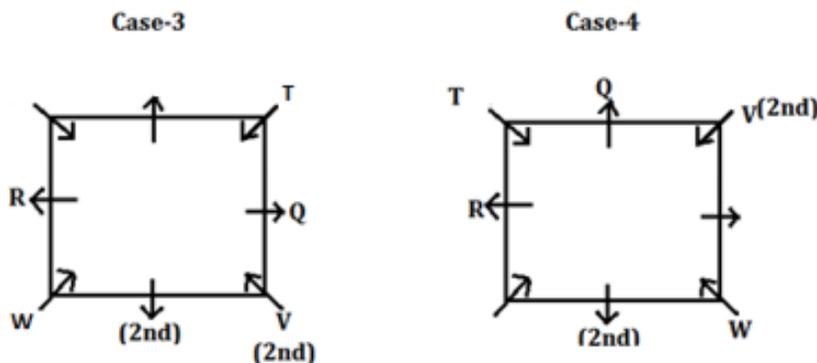


S42. Ans.(e)

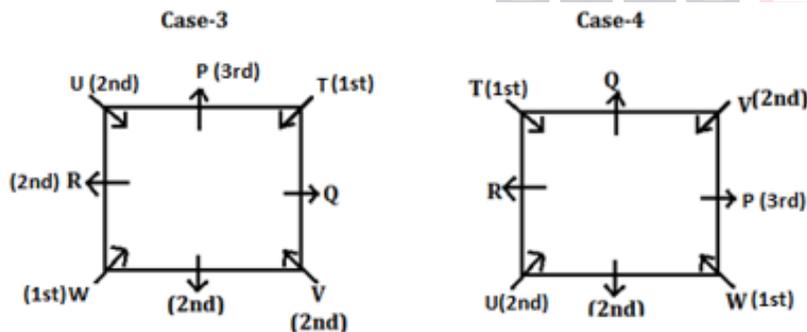
Sol. (i)- By using given condition, R sits second to the right of the one who lives on second floor. Only two persons sits between R and V who lives on second floor. There are four possible cases-



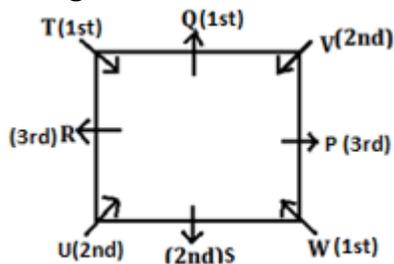
(ii)- Q lives on an odd numbered floor and sits third to the left of the one who sits second to the left of W. T and W facing each other and lives on same numbered floor. T lives on an odd numbered floor. By using this condition case-1 and case-2 will be eliminated.



(iii)- P live on third floor and is not an immediate neighbour of R. U sits second to the right of the one who lives on first floor and immediate right of the one who lives on second floor. U lives an even numbered floor.

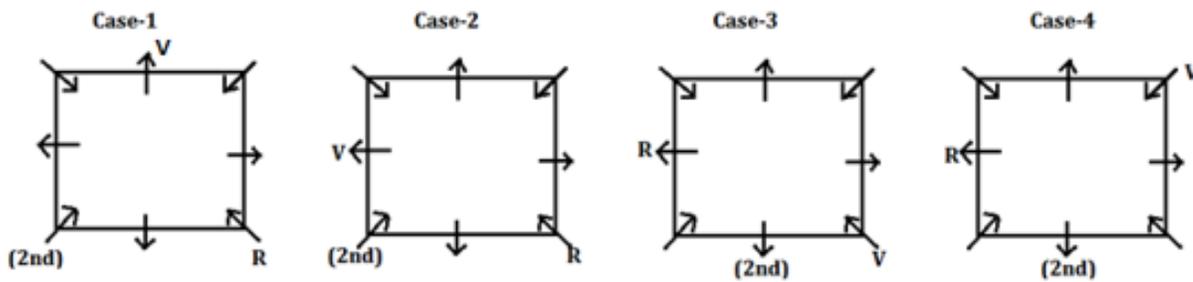


(iv) R sits second to the left of the one who lives on first floor. This will eliminate Case 3. So, the final arrangement is-

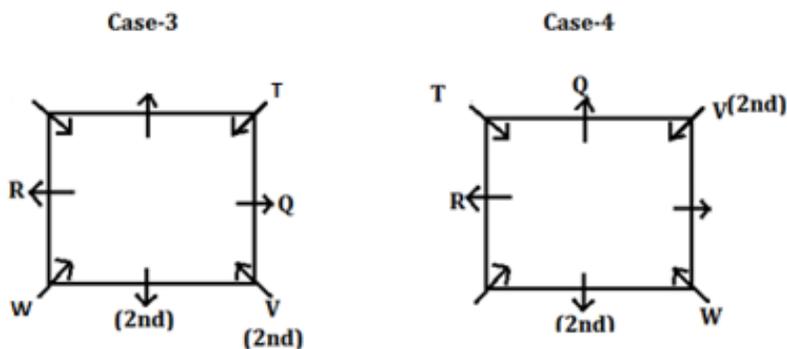


S43. Ans.(d)

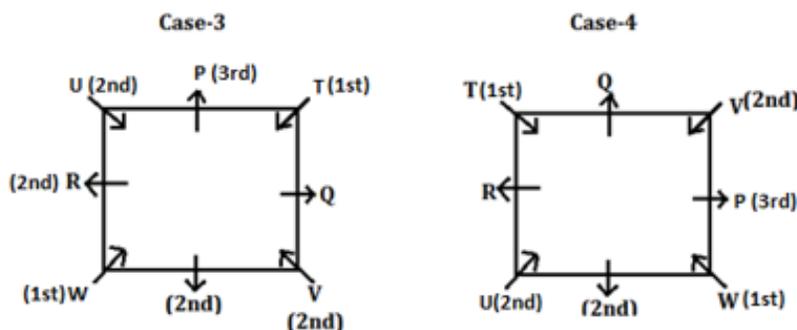
Sol. (i)- By using given condition, R sits second to the right of the one who lives on second floor. Only two persons sits between R and V who lives on second floor. There are four possible cases-



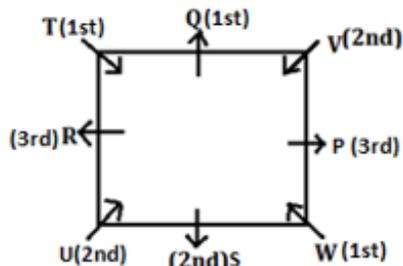
(ii)- Q lives on an odd numbered floor and sits third to the left of the one who sits second to the left of W. T and W facing each other and lives on same numbered floor. T lives on an odd numbered floor. By using this condition case-1 and case-2 will be eliminated.



(iii)- P live on third floor and is not an immediate neighbour of R. U sits second to the right of the one who lives on first floor and immediate right of the one who lives on second floor. U lives an even numbered floor.

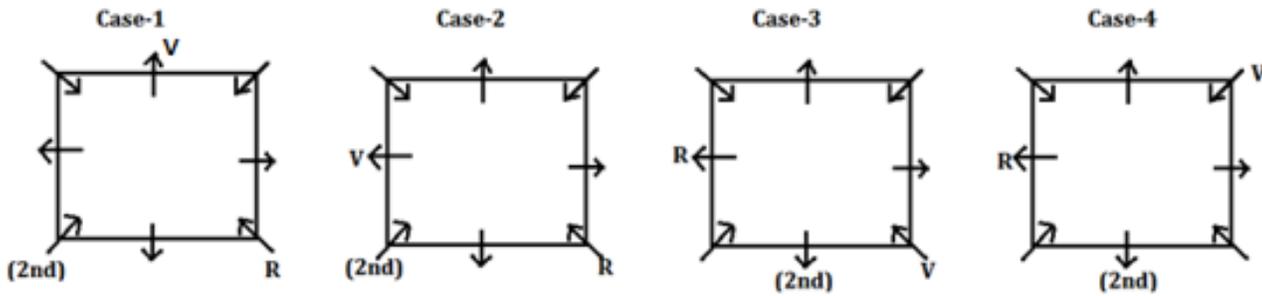


(iv) R sits second to the left of the one who lives on first floor. This will eliminate Case 3. So, the final arrangement is-

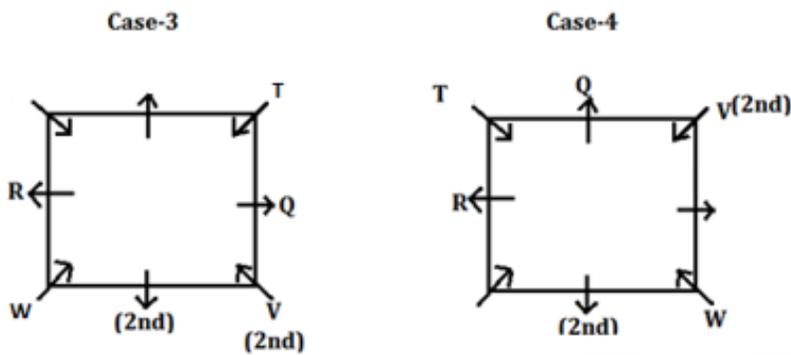


S44. Ans.(c)

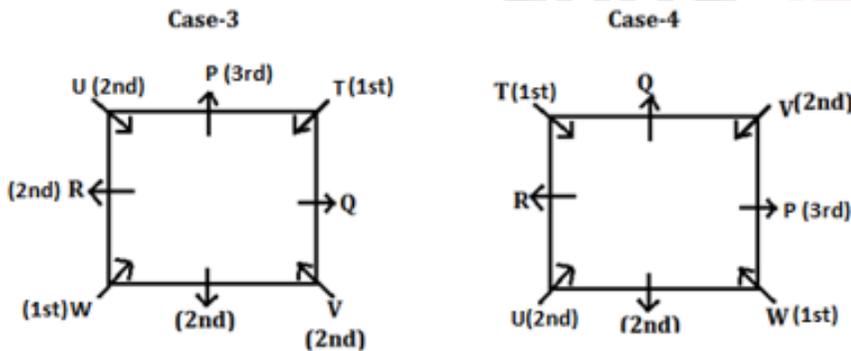
Sol. (i)- By using given condition, R sits second to the right of the one who lives on second floor. Only two persons sits between R and V who lives on second floor. There are four possible cases-



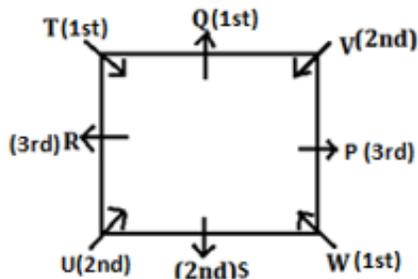
(ii)- Q lives on an odd numbered floor and sits third to the left of the one who sits second to the left of W. T and W facing each other and lives on same numbered floor. T lives on an odd numbered floor. By using this condition case-1 and case-2 will be eliminated.



(iii)- P live on third floor and is not an immediate neighbour of R. U sits second to the right of the one who lives on first floor and immediate right of the one who lives on second floor. U lives an even numbered floor.



(iv) R sits second to the left of the one who lives on first floor. This will eliminate Case 3. So, the final arrangement is-

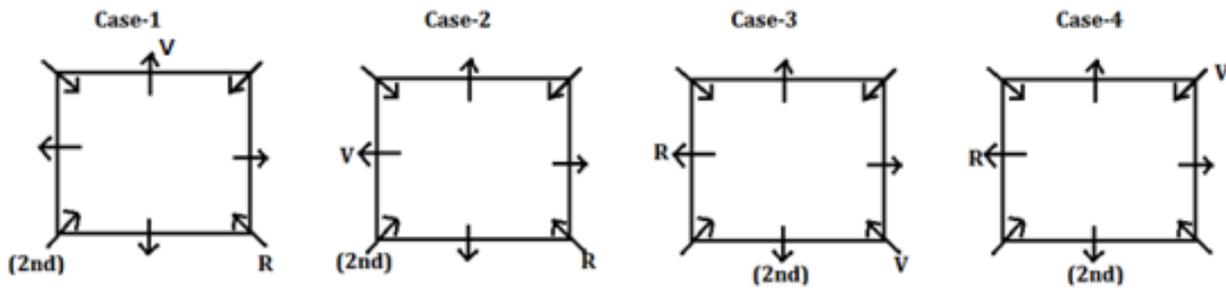


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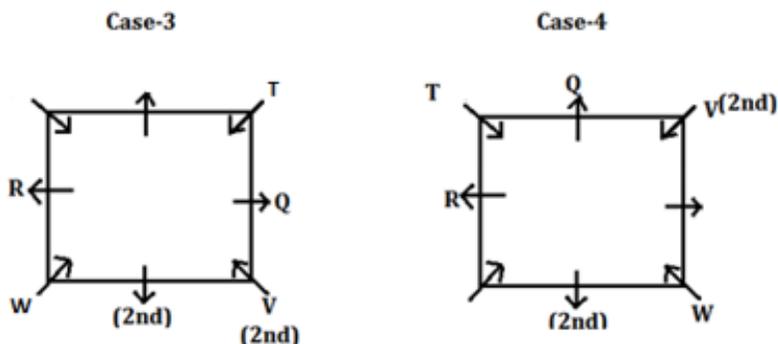
**HR/PERSONNEL
 OFFICER
 PRELIMS**
25 MOCK PAPERS
 Validity : 12 Months

S45. Ans.(c)

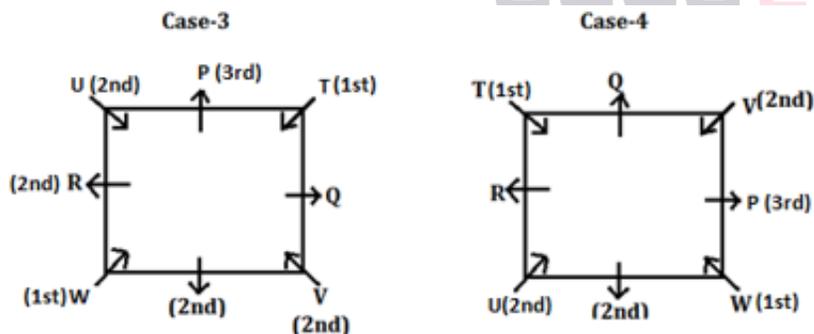
Sol. (i)- By using given condition, R sits second to the right of the one who lives on second floor. Only two persons sits between R and V who lives on second floor. There are four possible cases-



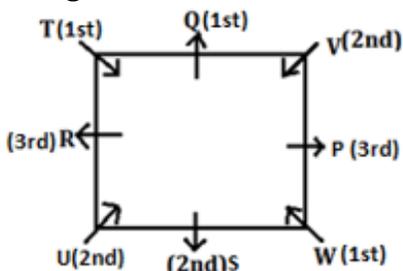
(ii)- Q lives on an odd numbered floor and sits third to the left of the one who sits second to the left of W. T and W facing each other and lives on same numbered floor. T lives on an odd numbered floor. By using this condition case-1 and case-2 will be eliminated.



(iii)- P live on third floor and is not an immediate neighbour of R. U sits second to the right of the one who lives on first floor and immediate right of the one who lives on second floor. U lives an even numbered floor.

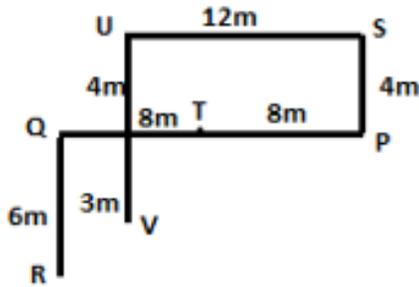


(iv) R sits second to the left of the one who lives on first floor. This will eliminate Case 3. So, the final arrangement is-



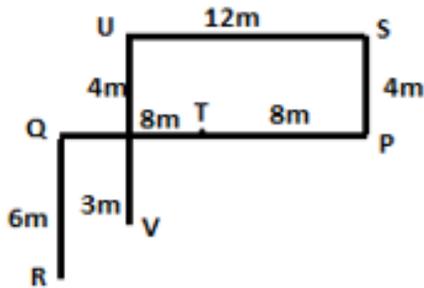
S46. Ans.(b)

Sol.



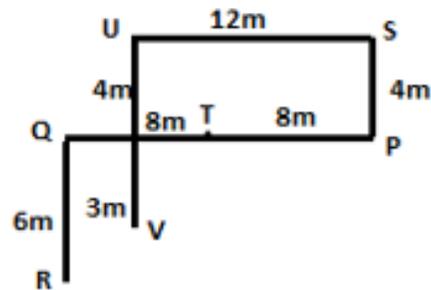
S47. Ans.(c)

Sol.



S48. Ans.(d)

Sol.



S49. Ans.(c)

Sol. It is not practically feasible to provide free health facility to all poor and middle classes. So, II is not an effective course of action. Whereas raising expenditure in conjunction with the states and providing more allocations on public health system will be an effective course of action.

S50. Ans.(d)

Sol. Ordinarily, one would expect higher prices to result in less demand for a product. yet, according to the passage, in the face of higher prices for imported electronics, demand has not weakened. (d) gives correct explanation. (b) can be the second-best answer. If (b) is true, then we would expect some consumers to prefer imports over domestically produced items; but the argument doesn't just claim that there has been weakening in the demand for imports than might be expected, but no weakening at all.

S51. Ans.(b)**Sol.**

$$\text{Time taken by Anurag to cover } \left(\frac{5}{9}\right)^{\text{th}} \text{ of the distance on Monday} = \frac{900 \times \frac{20}{100} \times \frac{5}{9}}{50} = 2 \text{ hours}$$

$$\text{Time taken by Anurag to cover remaining distance on Monday} = \frac{900 \times \frac{20}{100} \times \frac{4}{9}}{60} = \frac{80}{60} = \frac{4}{3} \text{ hours}$$

$$\text{Required speed} = \frac{900 \times \frac{20}{100}}{2 + \frac{4}{3}}$$

$$= \frac{180}{\left(\frac{10}{3}\right)}$$

$$= \frac{180 \times 3}{10} = 54 \text{ km/hr.}$$

S52. Ans.(c)**Sol.**

$$\begin{aligned} \text{Distance travelled by Anurag on Wednesday \& Friday together} &= 900 \times \frac{(18 + 21)}{100} \\ &= 900 \times \frac{39}{100} = 351 \text{ km} \end{aligned}$$

$$\begin{aligned} \text{Distance travelled by Anurag on Tuesday \& Thursday together} &= 900 \times \left(\frac{25 + 16}{100}\right) \\ &= 900 \times \frac{41}{100} = 369 \end{aligned}$$

$$\text{Required difference} = 369 - 351 = 18 \text{ km}$$

S53. Ans.(d)**Sol.**

$$\text{Distance travelled by Anurag on Tuesday} = 900 \times \frac{25}{100} = 225 \text{ km}$$

$$\text{Distance travelled by Car on Tuesday} = 225 \times \frac{3}{15} = 45 \text{ km}$$

$$\text{Distance travelled by Bus on Tuesday} = 225 \times \frac{7}{15} = 105 \text{ km}$$

$$\text{Distance travelled by Train on Tuesday} = 225 \times \frac{5}{15} = 75 \text{ km}$$

$$\text{Time taken to cover 45 km via car on Tuesday} = \frac{45}{30} = \frac{3}{2} \text{ hours}$$

$$\text{Time taken to cover 105 km via bus on Tuesday} = \frac{105}{21} = 5 \text{ hours}$$

$$\text{Time taken to cover 75 km via train on Tuesday} = \frac{75}{25} = 3 \text{ hours}$$

$$\text{Required time} = 5 + 3 + \frac{3}{2} = 9.5 \text{ hours}$$

S54. Ans.(a)**Sol.**

$$\text{Required average} = \frac{900 \times \left(\frac{18 + 16 + 21}{100}\right)}{3} = \frac{9 \times 55}{3} = 165 \text{ km}$$

S55. Ans.(c)

Sol.

$$\text{Distance travelled by Anurag on Sunday} = \frac{250}{100} \times 900 \times \frac{20}{100} = 450 \text{ km}$$

$$\text{Required speed} = \frac{450}{20} = 22.5 \text{ km/hr.}$$

S56. Ans.(c)

Sol.

Pattern of series –

$$9 + 8 \times 1 = 17$$

$$17 + 8 \times 2 = 33$$

$$33 + 8 \times 3 = 57$$

$$57 + 8 \times 4 = 89$$

$$89 + 8 \times 5 = 129$$

So, missing number is 89.

S57. Ans.(c)

Sol.

Pattern of series –

$$1.5 \times 1 + 1 = 2.5$$

$$2.5 \times 2 + 1 = 6$$

$$6 \times 3 + 1 = 19$$

$$19 \times 4 + 1 = 77$$

$$77 \times 5 + 1 = 386$$

So, missing number is 386

S58. Ans.(a)

Sol.

Pattern of series –

$$13440 \div 4 = 3360$$

$$3360 \div 5 = 672$$

$$672 \div 6 = 112$$

$$112 \div 7 = 16$$

$$16 \div 8 = 2$$

So, missing number is 3360.



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S59. Ans.(d)

Sol.

Pattern of series –

$$7 + 8 = 15$$

$$15 - 10 = 5$$

$$5 + 12 = 17$$

$$17 - 14 = 3$$

$$3 + 16 = 19$$

So, missing number is 19.

S60. Ans.(b)

Sol.

Pattern of series –

$$5 \times 2 - 1 = 9$$

$$9 \times 2 - 2 = 16$$

$$16 \times 2 - 3 = 29$$

$$29 \times 2 - 4 = 54$$

$$54 \times 2 - 5 = 103$$

So, missing number is 54.

S61. Ans (b)

Sol.

let total marks = $100x$

ATQ

$$20x + 75 = 55x - 20x$$

$$15x = 75$$

$$x = 5$$

$$\text{Passing marks} = 20x + 75 = 175$$

S62. Ans (d)

Sol.

Let the cost price of first and second article be Rs $4x$ and $5x$ respectively.

ATQ

$$\text{Total selling price} = \frac{112.5}{100} \times 4x + \frac{90}{100} \times 5x = \text{Rs } 9x$$

$$\text{Total cost price} = 4x + 5x = \text{Rs } 9x$$

So, neither gain nor loss obtained.



S63. Ans (b)

Sol.

Let the sum and rate of interest be Rs P and R% respectively.

Second year C.I. = 2 years S.I. + interest of one year on first year S.I.

2-year S.I. = Rs.500

1-year S.I. = Rs.250

So, interest on first year S.I. = 550 – 500 =Rs. 50

Rate of interest = $\frac{50}{250} \times 100 = 20\%$

S64. Ans (c)

Sol.

sum of age of Amit, Dharam and Ankit at the time of marriage = 120 years

Sum of age of Amit, Dharam, Ankit, Child and bride after 5 years of marriage = 180 years

So, sum of age of Amit, Dharam and Ankit and bride at the time of marriage

= 180 – (5 + 5 + 5 + 4 + 5) = 156 years

So, age of bride at the time of marriage = 156 – 120 = 36 years

S65. Ans (b)

Sol.

Let total work be 60 units

So, efficiency of A = 4 units/day

And efficiency of B = 3 units/day

Let efficiency of C = x units/day

ATQ

$$(4 + 3 + x) \times 6 = 60$$

$$x = 3 \text{ units/day}$$

ratio of efficiency of A :B :C = 4 :3 :3

C's share in wage = $\frac{3}{10} \times 5400 = \text{Rs } 1620$



S66. Ans (c)

Sol.

$$\begin{aligned} \text{required average} &= \frac{56000 - \frac{30}{100} \times 56000}{4} = \frac{39200}{4} \\ &= 9800 \end{aligned}$$

S67. Ans (d)

Sol.

$$\begin{aligned} \text{required difference} &= \frac{(15+25) - (20+10)}{100} \times 56000 \\ &= 5600 \end{aligned}$$

S68. Ans (d)

Sol.

$$\begin{aligned}\text{required percentage} &= \frac{30 \times \frac{7}{12} - 15 \times \frac{7}{15}}{15 \times \frac{7}{15}} \times 100 \\ &= \frac{2100}{14} \% = 150\%\end{aligned}$$

S69. Ans (d)

Sol. average no. of students is 20% of the total students, so from graph, university B have 20% students.

S70. Ans (b)

Sol.

$$\begin{aligned}\text{required ratio} &= \frac{14100}{\frac{30}{100} \times 56000} = \frac{141}{47} \\ &= \frac{141}{56}\end{aligned}$$

S71. Ans.(b)

Sol.

maximum no. of students in any year = 50000

Minimum no. of students in any year = 15000

$$\text{Required percentage} = \frac{50000 - 15000}{15000} \times 100 = 233.33\%$$

S72. Ans(a)

Sol.

$$\begin{aligned}\text{required ratio} &= \frac{42000 + 25000 + 30000}{3} : \frac{35000 + 50000}{2} \\ &= 194 : 255\end{aligned}$$

S73. Ans(e)

Sol.

$$\text{no. of boys who joined for banking in 2016} = \frac{38000}{19} \times 11 = 22000$$

Let no. of girls who joined for ssc in 2016 = $4x$

$$\text{Then no. of boys who joined for ssc in 2016} = 4x \times \frac{75}{100} = 3x$$

$$\text{No. of girls who joined for ssc in 2016} = \frac{35000}{7x} \times 4x = 20000$$

$$\text{Required difference} = 22000 - 20000 = 2000$$

S74. Ans(c)

Sol.

average no of students qualified in ssc and banking in 2014

$$= \frac{25000 \times \frac{50}{100} + 45000 \times \frac{25}{100}}{2} = 11875$$

No. of students qualified in railways in 2014 = $42000 \times \frac{20}{100} = 8400$

Required difference = $11875 - 8400 = 3475$

S75. Ans(a)

Sol.

$$\text{required percentage} = \frac{28000}{42000} \times 100 = 66\frac{2}{3}\%$$

S76. Ans.(b)

Sol.

Let Cost price = Rs. $100x$

Then M.R.P = $100x \times \frac{140}{100} = \text{Rs. } 140x$

Selling price = $140x \times \frac{6}{7} \times \frac{9}{10} = \text{Rs. } 108x$

ATQ

$$(140x - 108x) - (108x - 100x) = 24$$

$$24x = 24$$

$$x = 1$$

So, $140x = \text{Rs. } 140$



S77. Ans.(d)

Sol.

Minimum amount will be when all coins are one-rupee coin

$$\text{Required probability} = \frac{{}^7C_2}{{}^{22}C_3} = \frac{7 \times 6 \times 5}{22 \times 21 \times 20} = \frac{1}{44}$$

S78. Ans(b)

Sol.

From I

Let efficiency of a man and a boy are 'M' units/day and 'B' units/day respectively

ATQ

$$24M = 48B$$

$$\frac{M}{B} = \frac{2}{1}$$

From II

Let efficiency of a man and a boy are 'M' units/day and 'B' units/day respectively

$$6M \times 4 = 12B \times 4$$

$$\frac{M}{B} = \frac{2}{1}$$

$$\text{Required part} = \frac{5 \times 2 \times 3}{6 \times 2 \times 4} = \frac{5}{8} \text{th}$$

So, Statement II alone sufficient to answer the question.

S79. Ans(d)

Sol.

Let total number of red balls in bag = x

From I -

$$\frac{11}{x+11+19} = \frac{11}{34}$$
$$x = 4$$

From II -

$$\frac{x}{x+11+19} + \frac{19}{x+11+19} = \frac{23}{34}$$
$$\frac{x+19}{x+30} = \frac{23}{34}$$
$$x = 4$$

So, either statement (I) or statement (II) by itself is sufficient to answer the question

S80. Ans(c)

Sol.

let M.R.P = Rs.100y

Given cost price of book = Rs.300

$$\text{selling price of book} = \frac{300(100-x)}{100} = \text{Rs. } 300 - 3x$$

From I & II -

$$100y \times \frac{3}{4} \times \frac{100-x}{100} = \frac{300(100-x)}{100}$$

$$y = 4$$

So, 100y = Rs. 400

discount given = 400 - 300 + 3x = Rs. 100 + 3x

$$\text{loss} = 300 \times \frac{x}{100} = \text{Rs. } 3x$$

ATQ

$$\frac{100+3x}{3x} = \frac{3}{1}$$

$$100 = 6x$$

$$\text{So, } 3x = \text{Rs. } 50$$

So, both statements are necessary to answer the questions.

S81. Ans(c)

Sol.

From I

Let no. of girls and boys in class are x and y respectively

Total weight of class = $32x + 40y$ kg (i)

And $(x - y) = 5$

Or $(y - x) = 5$

From II.

Let no. of girls and boys in class are x and y respectively

Total weight of class = $35.2(x + y)$ kg (ii)

From equation (i) and (ii)

$$32x + 40y = 35.2x + 35.2y$$

$$\frac{x}{y} = \frac{3}{2} \dots \dots \dots (iii)$$

From (iii) it is clear that $x > y$

So, we can calculate x and y using statement I and statement II together.

S82. Ans(e)

Sol.



from I.

Let length and breadth of rectangle are ' l ' and ' b ' respectively

ATQ

$$l^2 + b^2 = (l + 1)^2$$

$$l^2 + b^2 = l^2 + 1 + 2l$$

$$b^2 = 2l + 1 \dots \dots \dots (i)$$

From II.

Let $b = 9x$

With change in value of x , length and breadth will also change

So, we cannot find exact value of area.

S83. Ans(b)

Sol.

Pattern of series is addition of successive prime numbers

$$726 + 73 = 799$$

$$799 + 79 = 878$$

$$878 + 83 = 961$$

$$961 + 89 = 1050$$

$$? = 1050 + 97 = 1147$$

S84. Ans(c)

Sol.

Pattern of series –

$$234 + (6^3 + 1) = 451$$

$$451 + (8^3 + 2) = 965$$

$$965 + (10^3 + 3) = 1968$$

$$1968 + (12^3 + 4) = 3700$$

$$? = 3700 + (14^3 + 5) = 6449$$

S85. Ans(e)

Sol.

Pattern of series –

$$48 \times 0.5 + 4 = 28$$

$$28 \times 1 + 8 = 36$$

$$36 \times 1.5 + 16 = 70$$

$$70 \times 2 + 32 = 172$$

$$? = 172 \times 2.5 + 64 = 494$$

S86. Ans (d)

Sol.

Pattern of series –

$$12 + (84 \times 5) = 432$$

$$432 + (84 \times 4) = 768$$

$$768 + (84 \times 3) = 1020$$

$$1020 + (84 \times 2) = 1188$$

$$? = 1188 + (84 \times 1) = 1272$$

S87. Ans(a)

Sol.

Pattern of series –

$$497 \div 7 = 71$$

$$71 \times 6 = 426$$

$$426 \div 5 = 85.2$$

$$85.2 \times 4 = 340.8$$

$$? = 340.8 \div 3 = 113.6$$



S88. Ans.(c)

Sol. Let length & breadth of Rectangular park are 'a' meter and 'b' meter respectively.

ATQ,

$$a^2 + b^2 = (26)^2$$

$$a^2 + b^2 = 676 \quad \dots (i)$$

$$\text{and } 2(a + b) = 68$$

$$a + b = 34$$

$$a^2 + b^2 + 2ab = 1156 \quad \dots (ii)$$

using (i) in (ii)

$$2ab = 1156 - 676$$

$$2ab = 480$$

$$\text{Area of park (ab)} = \frac{480}{2} = 240\text{m}^2$$

S89. Ans.(a)

Sol.

$$\text{Rate of interest (x)} = \frac{910 - 845}{845} \times 100 = \frac{65}{845} \times 100 = 7 \frac{9}{13} \%$$

$$\text{Total CI} = 910 + 845 = \text{Rs. } 1755$$

Let 'p' amount was invested

$$\text{C.I.} = P \left[\left(1 + \frac{R}{100} \right)^T - 1 \right]$$

$$1755 = P \left[\left(1 + \frac{1}{13} \right)^2 - 1 \right]$$

$$1755 = P \times \frac{27}{169}$$

$$P = \frac{1755 \times 169}{27} = \text{Rs. } 10985$$

**S90. Ans.(e)**

Sol.

$$\text{Time taken by train to cross a pole} = \frac{1}{1200} \times 60 \times 60 = 3 \text{ sec.}$$

When speed is constant then ratio of time taken is directly proportional to Distance covered

So, Ratio of length of train to length of (train + tunnel)

$$\Rightarrow 3 : 10$$

$$\text{Let length of train} = 3x$$

$$\text{Length of tunnel} = 10x - 3x = 7x$$

ATQ,

$$7x - 3x = 200$$

$$4x = 200$$

$$\text{So, } 3x = 150 \text{ meter}$$

$$\text{Speed of train} = \frac{150}{3} = 50\text{m/sec.}$$

S91. Ans.(e)**Sol.**

$$\begin{aligned} \text{I. } x^2 + 9x - 22 &= 0 \\ \Rightarrow x^2 + 11x - 2x - 22 &= 0 \\ \Rightarrow (x + 11)(x - 2) &= 0 \\ \Rightarrow x &= -11, 2 \end{aligned}$$

$$\begin{aligned} \text{II. } 2y^2 - 7y + 6 &= 0 \\ \Rightarrow 2y^2 - 4y - 3y + 6 &= 0 \\ \Rightarrow 2y(y-2) - 3(y-2) &= 0 \\ \Rightarrow (y-2)(2y-3) &= 0 \\ \Rightarrow y &= 2, \frac{3}{2} \end{aligned}$$

No relation

S92. Ans.(e)**Sol.**

$$\begin{aligned} \text{I. } 2y^2 - 13y - 34 &= 0 \\ \Rightarrow 2y^2 - 17y + 4y - 34 &= 0 \\ \Rightarrow y(2y-17) + 2(2y-17) &= 0 \\ \Rightarrow (2y-17)(y+2) &= 0 \\ \Rightarrow y &= \frac{17}{2}, -2 \end{aligned}$$

$$\begin{aligned} \text{II. } 3x^2 - 11x - 20 &= 0 \\ \Rightarrow 3x^2 - 15x + 4x - 20 &= 0 \\ \Rightarrow 3x(x-5) + 4(x-5) &= 0 \\ \Rightarrow (x-5)(3x+4) &= 0 \\ \Rightarrow x &= 5, \frac{-4}{3} \end{aligned}$$

No relation

S93. Ans.(b)**Sol.**

$$\begin{aligned} \text{I. } x^4 &= 256 \\ \Rightarrow x &= \pm 4 \end{aligned}$$

$$\begin{aligned} \text{II. } y^2 - 16y + 64 &= 0 \\ \Rightarrow (y - 8)^2 &= 0 \\ \Rightarrow y &= 8 \end{aligned}$$

 $y > x$ 

S94. Ans.(e)

Sol.

$$\text{I. } x^2 - 46x + 528 = 0$$

$$\Rightarrow x^2 - 24x - 22x + 528 = 0$$

$$\Rightarrow (x-24)(x-22) = 0$$

$$\Rightarrow x = 24, 22$$

$$\text{II. } y^2 - 48y + 572 = 0$$

$$y^2 - 26y - 22y + 572 = 0$$

$$(y-26)(y-22) = 0$$

$$y = 26, 22$$

No relation

S95. Ans.(b)

Sol.

$$\text{I. } 2x + 3y = 4$$

$$\text{II. } 4x + 5y = 6$$

Solving eq. (I) and (II),

$$(2x + 3y = 4) \times 2$$

$$4x + 5y = 6$$

$$y = 2$$

Put $y = 2$ in eq. (I),

$$2x + 6 = 4$$

$$\Rightarrow x = -1$$

$$y > x$$



S96. Ans.(c)

Sol.

$$? = 29 + 170 - 115$$

$$= 84$$

S97. Ans.(d)

Sol.

$$?^2 = \frac{40}{100} \times 420 + \frac{44}{100} \times 200$$

$$= 168 + 88$$

$$= 256$$

$$\Rightarrow ? = \pm 16$$

S98. Ans.(b)

Sol.

$$\frac{20}{100} \times ? = 1098$$
$$\Rightarrow ? = 5490$$

S99. Ans.(a)

Sol.

$$\frac{3^{4(?+2)}}{10^{4(?+2)}} = \frac{3^3 \times 3^2 \times 3^3}{10^3 \times 10^2 \times 10^3}$$
$$(0.3)^{4(?+2)} = \frac{3^8}{10^8} = (0.3)^8$$
$$\Rightarrow 4(? + 2) = 8$$
$$\Rightarrow ? = 0$$

S100. Ans.(b)

Sol.

$$? = 12 + 28 + 36 - 8$$
$$= 76 - 8$$
$$= 68$$

S101. Ans.(b)

Sol. Refer the last few lines of first paragraph "In the Philippines, Indonesia, Japan and China, people already grow fish and prawns in freshwater ponds. But this is just the beginning. In the future, to meet the great needs of a rapidly expanding world population, man will have to farm the sea as he has for so long farmed the land."

S102. Ans.(a)

Sol. We can infer from second paragraph of the passage where it has been mentioned that transplanted flounders grew to three times the size of their brothers in the crowded Dutch waters.

S103. Ans.(c)

Sol. Refer the first and second sentences of the third paragraph "In the sea farming of the future it should not be necessary to spread fertilizer in the seas as farmers do on land. But it may be useful to stimulate the flow of nutrients to those areas most conveniently accessible for sea farming."

S104. Ans.(b)

Sol. Refer the fourth paragraph "As long ago as World War I, a marine biologist calculated that 'weeds', i.e. inedible creatures like brittle stars and starfish, eat up all but a very small percentage of the fish food available in the sea. To clear away these weeds so that the fish can get at least 20 percent of the available food, the sea farmer of the future will have to use completely new techniques."

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S105. Ans.(d)

Sol. Refer the fourth sentence of the last paragraph “But for many countries in Asia, Africa and Latin America with rocketing birth rates, survival may depend on the development of some sort of intensive underwater farming.”

S106. Ans.(c)

Sol. Refer the second sentence of the passage “Square mile after square mile, the sea is estimated to be more productive than the land.”

S107. Ans.(c)

Sol. We can infer from the third paragraph that the clause means we will not have to spread fertilizers on the sea-bed.

S108. Ans.(c)

Sol. Refer the last few lines of the last paragraph “In the first place, man is not really so efficient at collecting plankton as are the whales, and so it might well turn out that the process would be too expensive. In the second place, a good deal of it does not taste very pleasant.”

S109. Ans.(d)

Sol. Flounder means ‘be in serious difficulty’. Here in the passage, fish is referred as flounder as it is difficult for them to survive in crowded waters.

S110. Ans.(c)

Sol. Refer the last sentence of the second paragraph “Striped bass, shad and soft-shelled clams have been successfully transplanted from the east to the west coast of North America, and the North American Chinook salmon now lives and breeds around New Zealand.”

S111. Ans.(d)

Sol. Refer the last sentence of the passage “In whatever field we are, we must do our duty with utmost devotion and conscientiousness.”

S112. Ans.(b)

Sol. Refer the fourth sentence of the third paragraph “Work not only leads to better results in the long run, but also increases our self- confidence.”

S113. Ans.(c)

Sol. Refer the third sentence of the last paragraph “One can work better and more efficiently if one is dedicated to some cause.”

S114. Ans.(e)

Sol. Refer the last sentence of the third paragraph “Great nations of the world like Japan, Germany and China have emerged strong only through hard work not in individually and collectively.”

S115. Ans.(c)

Sol. Refer the first sentence of the last paragraph “In India we worship lord Vishwakarma, the great god of the workers but, unfortunately we are a nation of shirkers.”

S116. Ans.(c)

Sol. Both the starters (I) and (III) can be used to construct a meaningful sentence. Hence (c) is the correct choice.

(I) With more and more countries pledging to combat global warming and protecting the environment, the United States has not only pulled out of the 2015 Paris Agreement but has also taken climate change out of its National Security Strategy.

(III) While more and more countries are pledging to combat global warming and protecting the environment, the United States has not only pulled out of the 2015 Paris Agreement but has also taken climate change out of its National Security Strategy.

S117. Ans.(e)

Sol. All the starters can be used to frame the meaningful sentence accordingly. Hence (e) is the correct choice.

(I) While there are many dimensions and measurements of economic development, we tend to rely largely on a single measurement called Gross Domestic Product (GDP).

(II) Although there are many dimensions and measurements of economic development, we tend to rely largely on a single measurement called Gross Domestic Product (GDP).

(III) Despite the fact that there are many dimensions and measurements of economic development, we tend to rely largely on a single measurement called Gross Domestic Product (GDP).

S118. Ans.(a)

Sol. Only the first starter is the correct choice to form a coherent sentence.

(I) With a rapid increase in Chinese investments and greater involvement of Chinese companies in construction and other businesses in Nepal, Chinese economic diplomacy too has become intense.

S119. Ans.(e)

Sol. No improvement is required here.

S120. Ans.(c)

Sol. ‘why he had not’ is the correct phrase to be used in the sentence as if reported speech in indirect narration starts with wh- question (who, when, why, what etc.) then no conjunction is used before interrogative word.

Ex. He asked me **why** she was late.

S121. Ans.(b)

Sol. “announced.....unequivocal” is the best use.

‘Announced’ is used to make a formal public statement about a fact, occurrence, or intention.

‘Unequivocal’ is clear or leaving no doubt.

S122. Ans.(d)

Sol. “resulted, bestowed” is the correct use.

‘Supervene’ means occur as an interruption or change to an existing situation.

S123. Ans.(d)

Sol. “mitigated, severely” is the correct use.

Mitigated will be used here to show the situation less serious or painful.

S124. Ans.(e)

Sol. There is no improvement required here.

S125. Ans.(a)

Sol. “leverage, enjoyed” is the correct use.

S126. Ans.(a)

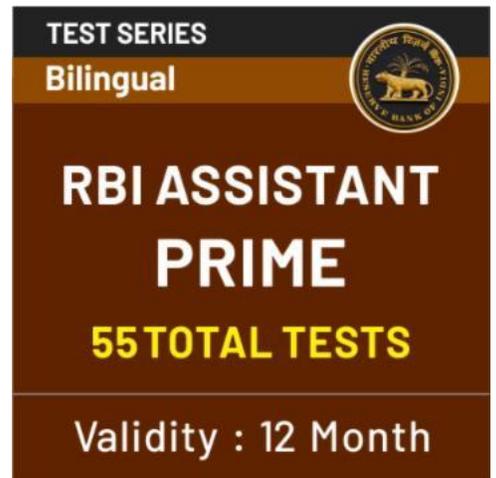
Sol. Among the given statements, statement (D) is the most suitable statement to begin the paragraph as it an independent sentence. The tone of the sentences forming the passage seems to be informative/educative. The sentences in the paragraph are indicative of the history of the missile defence program of India and the progress made thereafter. Sentence (D) gives a good start to the passage and forms the introductory sentence. The correct sequence of the statements will be **DAEFCB**.

S127. Ans.(e)

Sol. Among the given statements, statement (C) is the most suitable statement to take the position as the fifth sentence as it further elaborates on the premise of the preceding sentence spelling out the features of the missiles a continuation of the types of missiles that DRDO is planning to develop in turn adding more integrity to the previous sentence . The correct sequence of the statements will be **DAEFCB**.

S128. Ans.(c)

Sol. Among the given statements, statement (F) is the most suitable statement to take the position as the fourth sentence as it gives us insight on the further developments DRDO is planning to undertake. Hence option (c) will be the correct option here. The correct sequence of the statements will be **DAEFCB**.



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S129. Ans.(d)

Sol. Among the given statements, statement (B) can be considered as the best line to conclude the paragraph as it tells us about the challenges a country like India has to face on a day to day basis and still have the grit to develop such technologies about which every Indian can be proud about. Hence option (d) will be the correct option here. The correct sequence of the statements will be **DAEFCB**.

S130. Ans.(b)

Sol. Among the given statements, statement (A) should be placed at the second position in the paragraph. Taking a hint from the first line if we compare other sentences it will make no contextual sense to put any other statement. Statement (E) is comparative while the others statements such as (F) and (C) being incomplete on their own will not make any sense at the second position. Hence, the correct sequence of the statements will be **DAEFCB**.

S131. Ans.(c)

Sol. The use of 'of time' is superfluous because 'for a short period' or 'for a short time' is used.
Ex. He stayed here for a short period.

S132. Ans.(a)

Sol. After 'despite', 'of' will not be used because 'Despite = In spite of'.
Ex. Despite his good performance, he was not selected.
In spite of his good performance, he was not selected.

S133. Ans.(b)

Sol. Use 'amongst' in place of 'among' as 'amongst' is used before a vowel sound and 'among' is used before a consonant sound.

S134. Ans.(b)

Sol. In place of 'from', 'of' will be used because 'die of a disease', 'die of hunger' is used.
Ex. The old woman died of hunger.

S135. Ans.(e)

Sol. The sentence is grammatically correct.

S136. Ans.(d)

Sol. Use 'had' in place of 'have' as from "The issues were complex", we come to know that the incident occurred in the past.

S137. Ans.(e)

Sol. The sentence is grammatically correct.

S138. Ans.(b)

Sol. Use 'why he had' in place of 'why had he' because reported speech is assertive in indirect narration.

S139. Ans.(c)

Sol. Use 'if' or 'whether' in place of 'that' because 'if' or 'whether' is used in indirect narration.

S140. Ans.(a)

Sol. Use 'were' before 'surprised' because the sentence is in passive voice.

S141. Ans.(a)

Sol. Treatise means a written work dealing formally and systematically with a subject. Hence the word fits into the sentence correctly.

S142. Ans.(b)

Sol. "tradition" is the correct word that fits into the sentence as it means a long-established custom or belief that has been passed on from one generation to another. Hence (b) is the correct option.

Solemnity means the formal and dignified.

Bequest means a legacy.

S143. Ans.(c)

Sol. "process" is the most appropriate word that fits into the sentence correctly. Hence (c) is the correct option.

Vivacity means the quality of being attractively lively and animated.

S144. Ans.(d)

Sol. Exquisite means extremely beautiful and delicate. Hence it forms the most appropriate word to fill the gap in context of adding meaning to the sentence.

S145. Ans.(e)

Sol. "soon realized" is the correct phrase in context of its usage in the sentence. Hence (e) is the correct option.

Effectuated means put into force or operation.

S146. Ans.(d)

Sol. "presented" is the correct word that adds meaning to the sentence. Other words are irrelevant in context of their grammar structure or usage in the sentence. Hence (d) is the correct option.

S147. Ans.(a)

Sol. "concern" is the correct word in context of its usage in the sentence as it means a matter of interest or importance to someone. Hence (a) is the correct option.

Propensity means an inclination or natural tendency to behave in a particular way.

S148. Ans.(b)

Sol. Pervaded means spread through and be perceived in every part of. Hence the word fits into the sentence correctly.

Impregnated means saturate.

Pester means trouble or annoy (someone) with frequent or persistent requests or interruptions. Agonized means manifesting, suffering, or characterized by great physical or mental pain.

S149. Ans.(d)

Sol. “breathtaking architecture” makes the most appropriate phrase in context of its meaning to the sentence. Hence (d) is the correct option.

Concord means agreement.

S150. Ans.(b)

Sol. Profusely means to a great degree; in large amounts. Hence (b) is the correct word to fill the gap.

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