

## Reasoning

Q.141) (d)

Explanation:

G – 1 = F

L – 1 = K

A = A

S -1 = R

T – 1 = S

O + 3 = R

N – 1 = M

B – 1 = A

U + 3 = X

R – 1 = Q

Y – 1 = X

The word formed is 'FKARSRMAXQX'

Now delete the vowels and letters that appear more than once.

FKRSMXQ

So, letter 'S' comes in the middle.

Q.142) (b)

Explanation:

The meaningful words formed are: FALK, BLUR, CLOG and WELT.

Q.143) (c)

Explanation:

Input: erase 47 92 wound limbo 36 prove 85 28 hasty 63 cards

Step 1: woune erase 47 92 limbo 36 prove 85 hasty 63 cards 29

In Step 1, the last word as per dictionary (from the given words) has been placed on the extreme left and the last letter of the word has been replaced with the succeeding letter. Also, the smallest number has been placed at the extreme right and 1 is added to the number.

Step 2: provf woune erase 47 92 limbo 85 hasty 63 cards 29 37

In Step 2, again the last word as per dictionary (after the word 'wound') has been placed at the extreme left and last letter of the word has been replaced with the succeeding letter. Also, the next smallest number has been placed at the extreme right and 1 is added to the number.

This process is being repeated till all the words are placed on the left and all the numbers on the right.

Now,

Input: bride 39 master 77 61 nocturnal yatch 25 feel 84 18 train

Step 1: yatci bride 39 master 77 61 nocturnal 25 feel 84 train 19

Step 2: traio yatci bride 39 master 77 61 nocturnal feel 84 19 26

Step 3: nocturnam traio yatci bride master 77 61 feel 84 19 26

40

Step 4: mastes nocturnam traio yatci bride 77 feel 84 19 26 40  
62

Step 5: feem mastes nocturnam traio yatci bride 84 19 26 40 62  
78

Step 6: bridf feem mastes nocturnam traio yatci 19 26 40 62 78

85

Step 6 is the final output.

Instep 3, third element from the right end is '19'

Q.144) (b)

Explanation:

Input: bride 39 master 77 61 nocturnal yatch 25 feel 84 18 train

Step 1: yatci bride 39 master 77 61 nocturnal 25 feel 84 train 19

Step 2: traio yatci bride 39 master 77 61 nocturnal feel 84 19 26

Step 3: nocturnam traio yatci bride master 77 61 feel 84 19 26  
40

Step 4: mastes nocturnam traio yatci bride 77 feel 84 19 26 40  
62

Step 5: feem mastes nocturnam traio yatci bride 84 19 26 40 62  
78

Step 6: bridf feem mastes nocturnam traio yatci 19 26 40 62 78  
85

Step 6 is the final output.

Q.145) (e)

Explanation:

Input: bride 39 master 77 61 nocturnal yatch 25 feel 84 18 train

Step 1: yatci bride 39 master 77 61 nocturnal 25 feel 84 train 19

Step 2: traio yatci bride 39 master 77 61 nocturnal feel 84 19 26

Step 3: nocturnam traio yatci bride master 77 61 feel 84 19 26  
40

Step 4: mastes nocturnam traio yatci bride 77 feel 84 19 26 40  
62

Step 5: feem mastes nocturnam traio yatci bride 84 19 26 40 62  
78

Step 6: bridf feem mastes nocturnam traio yatci 19 26 40 62 78  
85

Step 6 is the final output.

'84' is seventh from the left end in Step 5.

The element which is fourth to the left of '84' in step 5 is  
'nocturnam'.

Q.146) (d)

Explanation:

Input: bride 39 master 77 61 nocturnal yatch 25 feel 84 18 train

Step 1: yatci bride 39 master 77 61 nocturnal 25 feel 84 train 19

Step 2: traio yatci bride 39 master 77 61 nocturnal feel 84 19 26

Step 3: nocturnam traio yatci bride master 77 61 feel 84 19 26  
40

Step 4: mastes nocturnam traio yatci bride 77 feel 84 19 26 40  
62

Step 5: feem mastes nocturnam traio yatci bride 84 19 26 40 62  
78

Step 6: bridf feem mastes nocturnam traio yatci 19 26 40 62 78  
85

Step 6 is the final output.

Q.147) (a)

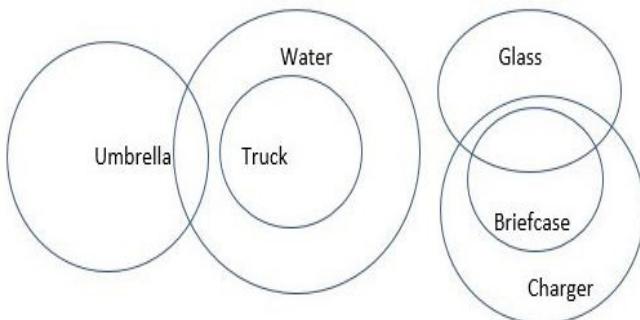
Explanation:

Input: bride 39 master 77 61 nocturnal yatch 25 feel 84 18 train  
 Step 1: yatci bride 39 master 77 61 nocturnal 25 feel 84 train 19  
 Step 2: traio yatci bride 39 master 77 61 nocturnal feel 84 19 26  
 Step 3: nocturnam traio yatci bride master 77 61 feel 84 19 26 40  
 Step 4: mastes nocturnam traio yatci bride 77 feel 84 19 26 40 62  
 Step 5: feem mastes nocturnam traio yatci bride 84 19 26 40 62 78  
 Step 6: bridf feem mastes nocturnam traio yatci 19 26 40 62 78 85  
 Step 6 is the final output.  
 Fourth element from the right end in step 3 = 84  
 Eighth element from the left end in step 5 = 19  
 Sum =  $84 + 19 = 103$

Q.148) (d)

Explanation:

Option B gets eliminated because it says 'All Briefcase is Umbrella' whereas in the conclusion it is given 'Some Briefcase are not Umbrella'.  
 Option C is also eliminated because it says 'No Umbrella is Charger' which is a definite conclusion. So the conclusion 'Some Umbrella not being Charger is a possibility' does not follow because 'no umbrella is charger' is a definite conclusion and hence not a possibility.  
 Option E is also eliminated because it contains 'All umbrella are charger' whereas in the conclusion it is given 'Some Umbrella not being Charger is a possibility.'  
 Option A is also eliminated as it is not possible to make a diagram of it.  
 So, option D should be the answer. The basic diagram of it is as follows:



Since only water are truck, so truck cannot be anything else except water. So, all the three conclusion follows from statements in Option D.

Q.149) (a)

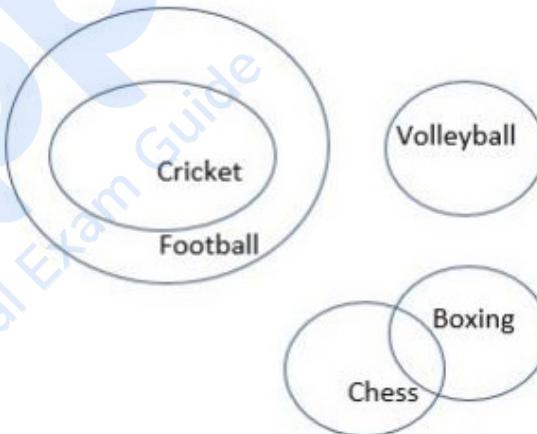
Explanation:

Option B is eliminated because it says 'No Boxing is Volleyball' which makes the conclusion 'Some Volleyball not being Boxing is a possibility' false because 'no boxing is volleyball' is a definite statement and hence we cannot get a possible conclusion between volleyball and boxing.

Option C is eliminated because it contains 'all volleyball are boxing' which makes the conclusion 'some volleyball not being boxing is a possibility' false.

Option D is eliminated because it says 'All football are chess' which makes the conclusion 'some football can never be chess' false.

Option E is eliminated because it says 'All Boxing are Chess. No Chess is Cricket' which implies 'No boxing is Cricket' which makes the conclusion 'Some boxing can be cricket' false. The basic diagram for Option A is as follows:

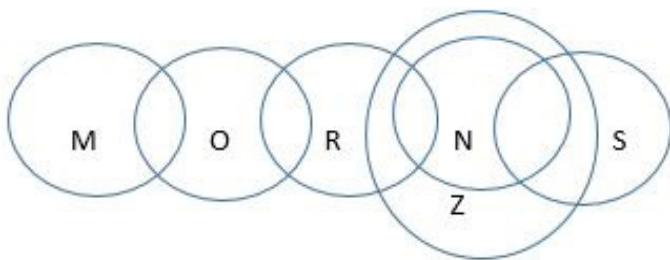


We can draw possible diagrams for option A to check for possible conclusions.

Q.150) (d)

Explanation:

Option C is eliminated because it contains 'No N are R' whereas conclusion I contains 'some N are R'.  
 So, Option E is also eliminated.  
 Option A is also eliminated because it contains 'No O is N' which makes conclusion II false.  
 Option B is also eliminated because 'some N are R' and 'some Z are R' does not always follow. This is because option B contains 'No R is S'.  
 So, option D is the answer and its basic diagram is as follows:

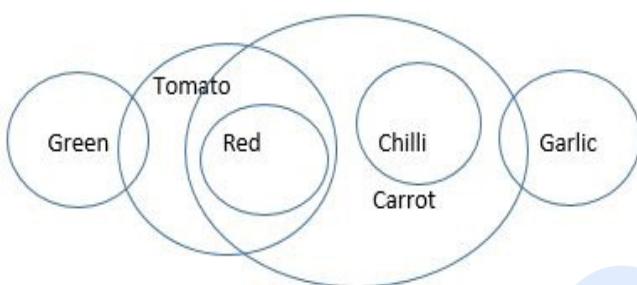


Q.151) (c)

Explanation:

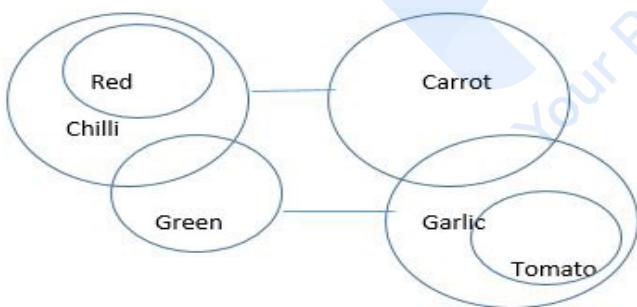
Option A is eliminated because it contains 'all green are tomato' which makes conclusion III false.

From option B, we can draw the below possible diagram which makes conclusion I false.



So, Option B is also eliminated.

From Option C,



Conclusion II is true because in option C, some chili being not garlic is a definite conclusion and not a possibility.

So, Option C is the answer as all the conclusions follow from Option C.

Option D is also eliminated because conclusion I does not hold true.

Q.152) (e)

Explanation:

'J  $\wedge$  F' means  $J \geq F$

'K ? G' means  $K > G$

K ? J % H  $\underline{\quad}$   $G \wedge F ! E$

$K > J = H \underline{\quad}$   $G \geq F < E$

So, either '=' or ' $\geq$ ' will make both the expressions true.

So, Option E is the right answer.

Q.153) (a)

Explanation:

From the initial information in the question, we get:

Box	Article
P	Book
	Card
U	
R	
	Watch

From statement I alone:

Box	Article
P	Book
S	Card
Q	Mobile
U	Laptop
R	Radio
T	Watch

Box T is kept just below the one that contains Radio. Hence, I alone is sufficient.

Now using statement II alone:

Box	Article
P	Book
S/T	Card
Q	Mobile/radio
U	Laptop
R	Radio/mobile
T/S	Watch

So, II alone is not sufficient.

Q.154) (e)

Explanation:

From statement I alone,

Rekha	Amar	Zoya / Monty	Pinku	Monty / Zoya	Hetal	Romy
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So, exact position of Monty is not known. Hence, statement I alone is not sufficient.

From statement II alone,

Rekha	Monty / Amar	Zoya	Pinku	Amar / Monty	Hetal	Romy
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Again, exact position of Monty is not known. Hence, statement II alone is not sufficient.

Combining I and II,

Rekha	Amar	Zoya	Pinku	Monty	Hetal	Romy
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So, four persons sit to the left of Monty.

Hence, I and II together are sufficient.

Q.155) (a)

Explanation:

From the initial information in the question, we get

Floor	Person	Fruit
6	U	
5		Banana
4	P	
3		Grapes
2	Q	
1		Guava

Now using I alone, we get

Floor	Person	Fruit
6	U	Apple
5	S	Banana
4	P	Mango
3	T	Grapes
2	Q	Orange
1	R	Guava

So, I alone is sufficient.

Now, using II alone, we get two possibilities

Possibility 1:

Floor	Person	Fruit
6	U	Apple
5	S	Banana
4	P	Mango
3	T	Grapes
2	Q	Orange
1	R	Guava

Possibility 2:

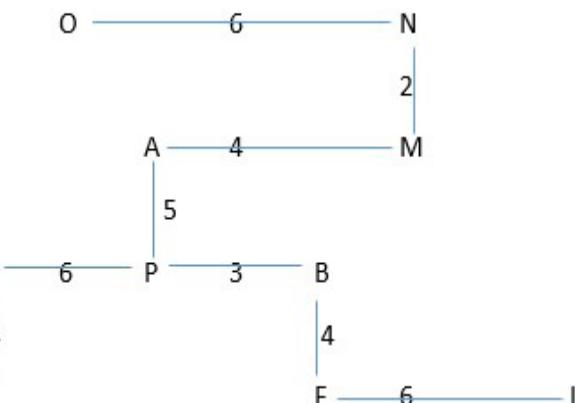
Floor	Person	Fruit
6	U	Mango
5	S	Banana
4	P	Apple
3	R	Grapes
2	Q	Orange
1	T	Guava

So, statement II alone is not sufficient as we don't know the exact floor of the person who likes apple.

Q.156) (a)

Explanation:

Combining all three, we get



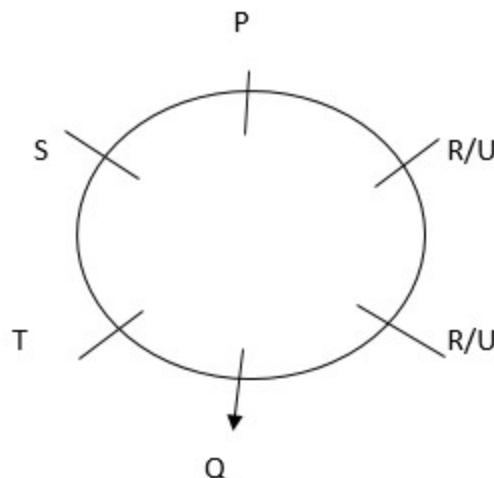
So, point O is the north-west direction with respect to point I.

Q.157) (d)

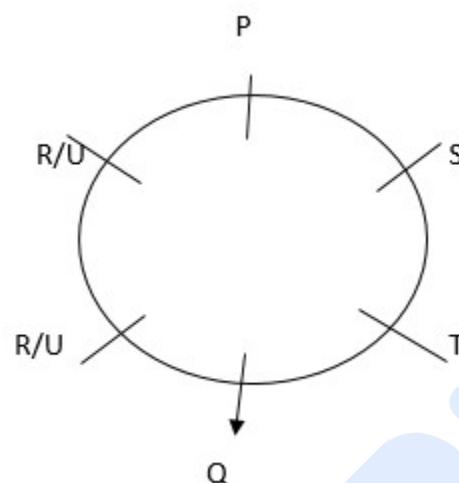
Explanation:

From statement I:

Case 1:



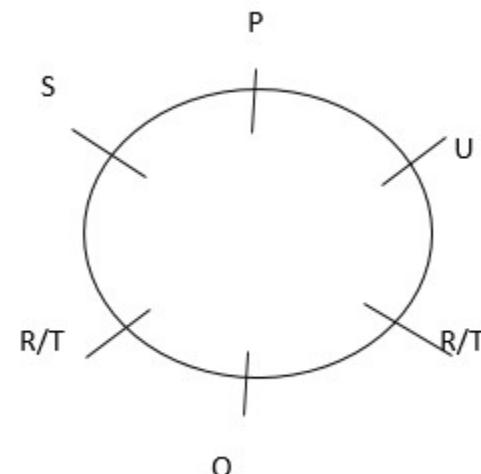
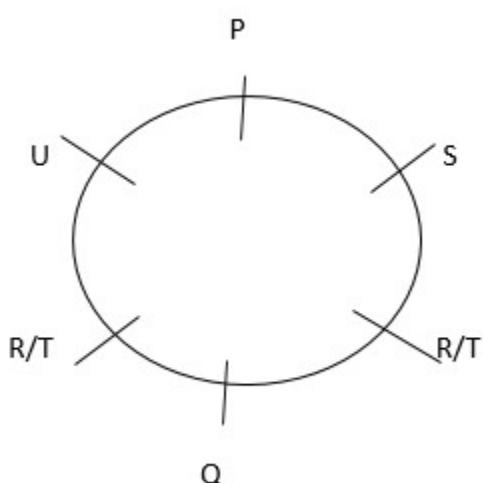
Case 2:



So, statement I alone is not sufficient.

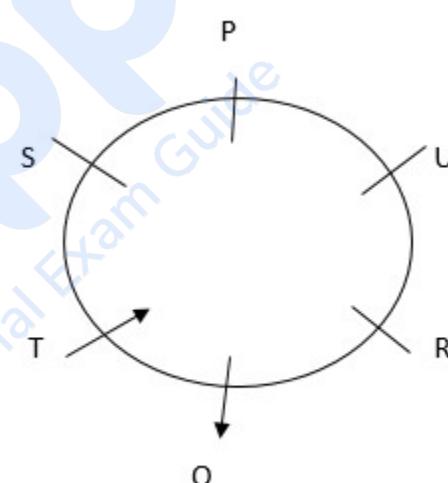
From statement II:

Case 1:



So, statement II alone is not sufficient.

Combining I and II:



So, even I and II together are not sufficient.

Q.158) (b)

Explanation:

Assumption B holds because it has been mentioned in the passage that “The spurt was caused due to increased orders from digitally literate clients.” So, it implies that the company assumes similar response for its electronic goods segment as well.

Q.159) (d)

Explanation:

The statement portrays about the impact of lead in drinking water, in causing cancer. Inference I – states that lead is safe, which contradicts the statement, hence this option can be omitted. Other inferences II and III talks about the impacts of lead causing cancer, hence option D is the correct choice.

Q.160) (d)

Explanation:

A conclusion logically completes an idea that has been mentioned in the paragraph. The last few lines of the paragraph describe that the people who are aware of the effects of the environment or the availability of alternative products that do not harm the environment only tend to use them. So, more awareness must be created. So, Option D is the most suitable answer.

Q.161) (a)

Explanation:

Option A weakens the argument put forward by the committee as it makes a case for forgiving the players and not taking back the award from them.

Q.162) (b)

Explanation:

The statement speaks of the failure of Housing and Urban development policies of the government. Hence, the policy in regard to the urban housing should be reviewed.

Q.163) (b)

Explanation:

- (A) Differences among non-profit colleges – such as public vs. private – are irrelevant to the argument.
- (B) This is the correct choice. One alternative reason that might explain the disproportionate aid distribution is that for-profit colleges engaged in fraudulent practices to obtain unneeded financial assistance for their students. This answer choice asserts that this was NOT in fact the case, thereby eliminating this alternative explanation and highlighting a key assumption upon which the statement rests.
- (C) The actual number of students receiving aid at for-profit vs. non-profit colleges is irrelevant to the statement.
- (D) The relative educational quality of for-profit vs. non-profit colleges lies outside the scope of the argument, which is focused solely on differences in financial aid distribution.
- (E) Whether students successfully repay their loans after college is immaterial to the claim made in the statement.

Q.164) (b)

Explanation:

Nothing has been mentioned about architectural structure or any problem in it. So, action 1 does not follow.

It has been mentioned in the first sentence that paucity is one of the main reason for pathetic condition and hence course of action 2 follows.

Course of action 3 does not follow because reasons for poor condition have already been mentioned in the passage.

Q.165) (e)

Explanation:

Option E is the correct answer. As stated in the statement, “he had caused the pilings to be driven until additional penetration into the ground was no greater than two inches after twenty-four hammer blows.” The statement indicates that additional penetration was possible with a sufficient number of hammer blows.

Q.166) (e)

Explanation:

As per the argument, Max is clearly an incompetent detective as he has solved a smaller percentage of the cases assigned to him in the last 3 years, i.e., only 1 out of 25. This argument can be weakened by adding an explanation for the low proportion of cases solved by Max and thus, challenging the premise. Option (e) says that since the police chief regards Max as the most capable detective, he assigns him only the most difficult cases, ones that others have failed to solve, and thus, adds the required explanation.

Q.167) (c)

Explanation:

Floor	Person	Age	Marks
12	B	30	64
11	J	33	48
10	I	55	55
9	G	31	90
8	E	17	80
7	K	23/22	83/84
6	L	23/22	83/84
5	F	20	59
4	C	44	70
3	H	15	25
2	A	53	75
1	D	48	76

Q.168) (a)

Explanation:

Floor	Person	Age	Marks
12	B	30	64
11	J	33	48
10	I	55	55
9	G	31	90
8	E	17	80
7	K	23/22	83/84
6	L	23/22	83/84
5	F	20	59
4	C	44	70
3	H	15	25
2	A	53	75
1	D	48	76

Q.170) (b)

Explanation:

Floor	Person	Age	Marks
12	B	30	64
11	J	33	48
10	I	55	55
9	G	31	90
8	E	17	80
7	K	23/22	83/84
6	L	23/22	83/84
5	F	20	59
4	C	44	70
3	H	15	25
2	A	53	75
1	D	48	76

Q.169) (d)

Explanation:

Floor	Person	Age	Marks
12	B	30	64
11	J	33	48
10	I	55	55
9	G	31	90
8	E	17	80
7	K	23/22	83/84
6	L	23/22	83/84
5	F	20	59
4	C	44	70
3	H	15	25
2	A	53	75
1	D	48	76

Q.171) (d)

Explanation:

Floor	Person	Age	Marks
12	B	30	64
11	J	33	48
10	I	55	55
9	G	31	90
8	E	17	80
7	K	23/22	83/84
6	L	23/22	83/84
5	F	20	59
4	C	44	70
3	H	15	25
2	A	53	75
1	D	48	76

Q.172) (e)

Explanation:

The final arrangement is as follows:

	Production	Management	Finance
General manager	A(29), G(53)	B(31)	----
Manager	E(48), F(36)	D(84)	C(24), H(60)

Q.173) (c)

Explanation:

The final arrangement is as follows:

	Production	Management	Finance
General manager	A(29), G(53)	B(31)	----
Manager	E(48), F(36)	D(84)	C(24), H(60)

All the four, except B, work in the production department.

Q.174) (a)

Explanation:

The final arrangement is as follows:

	Production	Management	Finance
General manager	A(29), G(53)	B(31)	----
Manager	E(48), F(36)	D(84)	C(24), H(60)

Q.175) (d)

Explanation:

The final arrangement is as follows:

	Production	Management	Finance
General manager	A(29), G(53)	B(31)	----
Manager	E(48), F(36)	D(84)	C(24), H(60)

Q.176) (b)

Explanation:

The final arrangement is as follows:

	Production	Management	Finance
General manager	A(29), G(53)	B(31)	----
Manager	E(48), F(36)	D(84)	C(24), H(60)

Q.177) (d)

Explanation:

The final arrangement is as follows:

	Production	Management	Finance
General manager	A(29), G(53)	B(31)	----
Manager	E(48), F(36)	D(84)	C(24), H(60)

Q.178) (c)

Explanation:

Month	Name	Colour
Jan	Q	Black
Mar	B	Pink
Apr	M	Green
Jul	W	White
Aug	C	Blue
Sep	K	Orange
Oct	Z	Brown
Nov	G	Red
Dec	T	Yellow

Q.179) (e)

Explanation:

Month	Name	Colour
Jan	Q	Black
Mar	B	Pink
Apr	M	Green
Jul	W	White
Aug	C	Blue
Sep	K	Orange
Oct	Z	Brown
Nov	G	Red
Dec	T	Yellow

Q.180) (c)

Explanation:

Month	Name	Colour
Jan	Q	Black
Mar	B	Pink
Apr	M	Green
Jul	W	White
Aug	C	Blue
Sep	K	Orange
Oct	Z	Brown
Nov	G	Red
Dec	T	Yellow

Q.181) (d)

Explanation:

Month	Name	Colour
Jan	Q	Black
Mar	B	Pink
Apr	M	Green
Jul	W	White
Aug	C	Blue
Sep	K	Orange
Oct	Z	Brown
Nov	G	Red
Dec	T	Yellow

All the above except M visited in the month with odd number of days.

Q.182) (b)

Explanation:

Month	Name	Colour
Jan	Q	Black
Mar	B	Pink
Apr	M	Green
Jul	W	White
Aug	C	Blue
Sep	K	Orange
Oct	Z	Brown
Nov	G	Red
Dec	T	Yellow

Q.183) (d)

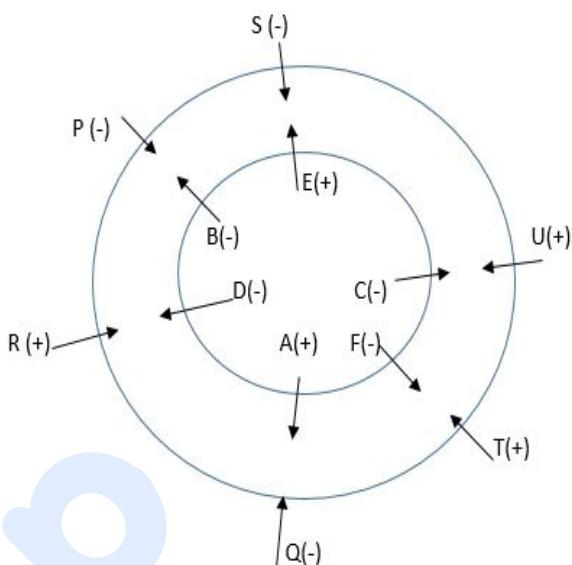
Explanation:

Month	Name	Colour
Jan	Q	Black
Mar	B	Pink
Apr	M	Green
Jul	W	White
Aug	C	Blue
Sep	K	Orange
Oct	Z	Brown
Nov	G	Red
Dec	T	Yellow

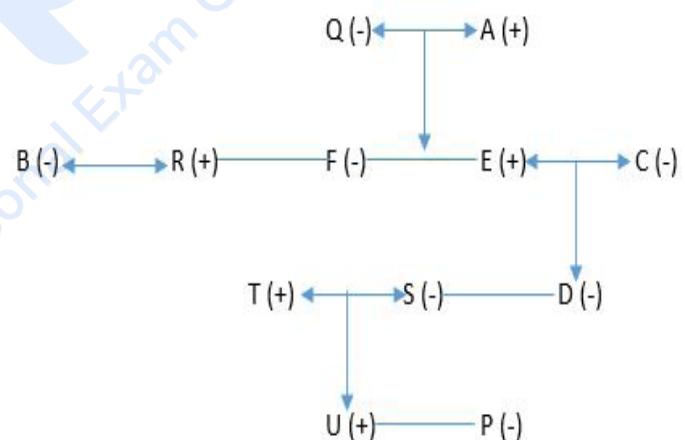
Q.184) (d)

Explanation:

The final seating arrangement is as follows:



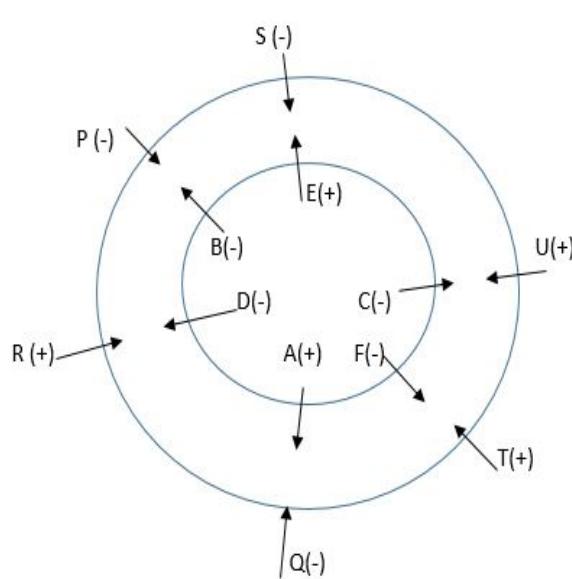
The final blood relation chart is as follows:



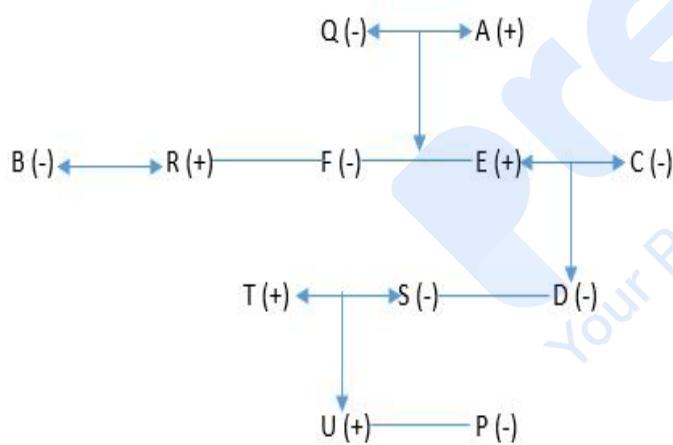
Q.185) (d)

Explanation:

The final seating arrangement is as follows:



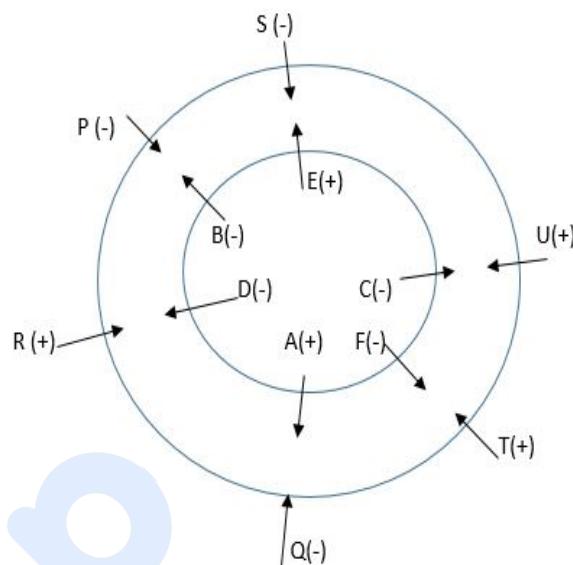
The final blood relation chart is as follows:



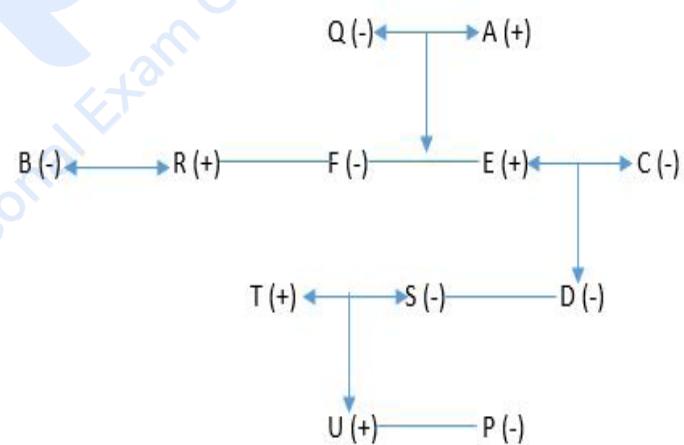
Q.186) (c)

Explanation:

The final seating arrangement is as follows:



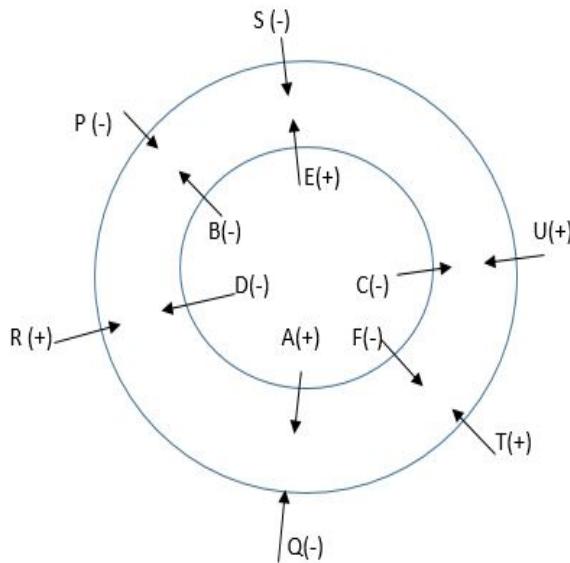
The final blood relation chart is as follows:



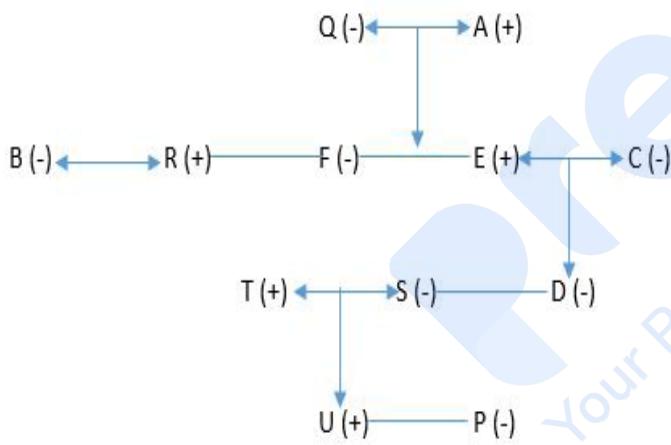
Q.187) (e)

Explanation:

The final seating arrangement is as follows:



The final blood relation chart is as follows:

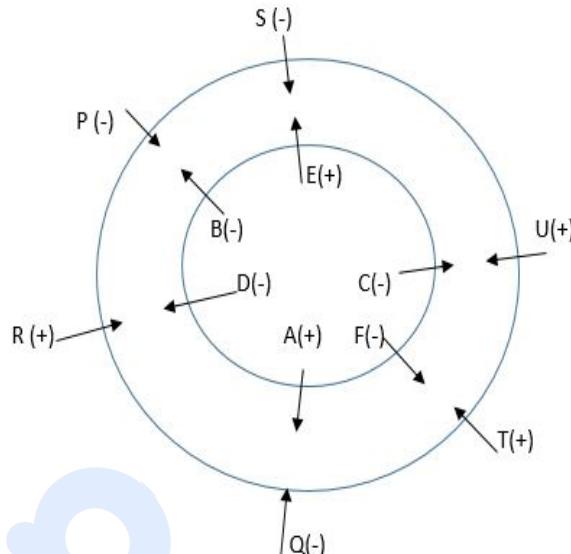


Except for U, all belongs to the second generation.

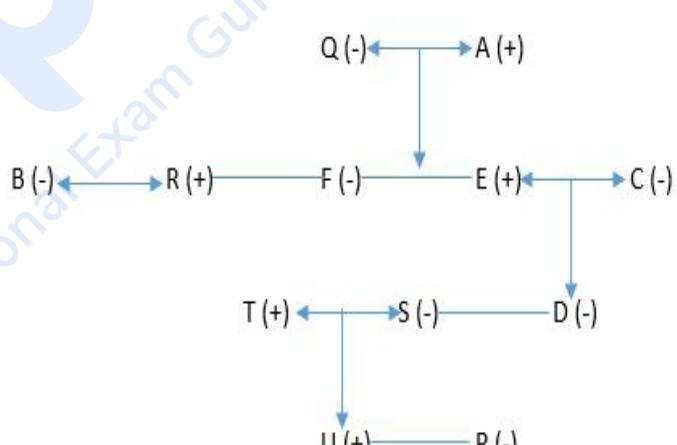
Q.188) (d)

Explanation:

The final seating arrangement is as follows:



The final blood relation chart is as follows:



Q.189) (d)

Explanation:

T (Singapore)	R (Helsinki)	S (Mumbai)	P (Osaka)	Q (Berlin)
E (Helsinki)	A (Osaka)	D (Berlin)	B (Singapore)	C (Mumbai)

So, T &amp; C and Q &amp; E are sitting diagonally opposite to each other.