Direction (1-5): Study the following information carefully and answer the question given below.

सात व्यक्ति अर्थात T, U, V, W, X, Y और Z एक सात मंजिला इमारत में रहते हैं लेकिन जरूरी नहीं कि इसी क्रम में हों। प्रत्येक व्यक्ति के पास अलग-अलग पालतू जानवर होते हैं अर्थात बिल्ली, गाय, कुत्ता, बकरी, मुर्गी, तोता और कबूतर लेकिन जरूरी नहीं इसी क्रम में हो। सबसे निचली मंजिल की संख्या 1 है और तत्काल ऊपर की मंजिल की संख्या 2 है और इसी तरह आगे भी।

X एक अभाज्य संख्या वाली मंजिल पर रहता है लेकिन न तो सबसे ऊपरी मंजिल पर और न ही सबसे निचले मंजिल पर रहता है। X के ऊपर मंजिलों की संख्या, कबूतर रखने वाले व्यक्ति के नीचे मंजिलों की संख्या के समान है। V उस व्यक्ति के तत्काल ऊपर वाले मंजिल पर रहता है जिसके पास कबूतर है। जिसके पास गाय है वह V से तीन मंजिल नीचे रहता है। Y और जिसके पास गाय है, के बीच केवल एक व्यक्ति रहता है। Y के नीचे मंजिलों की संख्या, तोता रखने वाले व्यक्ति के ऊपर मंजिलों की संख्या से एक अधिक है। जिस व्यक्ति के पास बकरी है, वह तोता रखने वाले व्यक्ति से दो मंजिल नीचे रहता है। X और जिसके पास बकरी है, के

बीच मंजिलों की संख्या, कुत्ता रखने वाले और Z के बीच मंजिलों की संख्या के समान है, जो कुत्ता रखने वाले के ऊपर नहीं रहता है। U और T दोनों Z के ऊपर रहते हैं लेकिन क्रमागत मंजिल पर नहीं रहते हैं। U और T दोनों छठी मंजिल पर नहीं रहते हैं। W के पास न तो गाय है और न ही T के आसन्न रहता है। जिसके पास बिल्ली है वह सबसे ऊपरी मंजिल पर नहीं रहता है।

Seven persons viz. T, U, V, W, X, Y, and Z are living in a seven storey building but not necessarily in the same order. Each person has different pets viz. Cat, Cow, Dog, Goat, Hen, Parrot, and Pigeon but not necessarily in the same order. The lowermost floor is numbered 1 and the floor immediately above is numbered 2 and so on.

X was living on a prime numbered floor but neither at the topmost floor nor at the bottommost floor. The number of floors above X is the same as the number of floors below the one who has Pigeon. V was living in the floor immediately above the one who has Pigeon. The one who has Cow lives three floors below V. Only one person lives between Y and the one who has Cow. The number of floors below Y is one more than the number of floors above the one who has Parrot. The one who has Goat lives two floors below the one who has Parrot. The number of floors between X and the one who has Goat is the same as the number of floors between the one who has Dog and Z, who doesn't live above the one who has Dog. Both U and T live above Z but not in consecutive floors. Both U and T doesn't live on the 6th floor. W neither has Cow nor lives adjacent to T. The one who has Cat doesn't live on the topmost floor.

1) Who among the following person has Parrot?

A. The one who lives immediately below Y

B. U

C. W

D. X

E. None of these

2) On which of the following floor does T live?

A. The floor immediately above Z

B. The one who has Cat

C. The floor immediately above the one who has Parrot

D. The one who has Hen

E. None of these

3) Who among the following person lives two floors below the one who has Cat?

A. T

B. U

C. W

D. Y

E. None of these

4) The number of floors above the one who has Pigeon is the same as the number of floors below _____.

A. W

B. X

C. V

D. Y

E. None of these

5) How many persons live between U and the one who has Goat?

A. One

B. Two

C. As many persons between W and T

D. More than three

E. None

Directions (1-5):

1) Answer: C

2) Answer: A

3) Answer: D

4) Answer: B

5) Answer: B

Floor	Person	Pets
7	U	Hen
6	W	Parrot
5	X	Cat
4	V	Goat
3	Y	Pigeon
2	T	Dog
1	Z	Cow

1. X was living in a prime numbered floor but neither at the topmost floor nor at the bottommost floor. The number of floors above X is the same as the number of floors below the one who has Pigeon.

	Case 1		Case 2		Case 3	
Floor	Person	Pets	Person	Pets	Person	Pets
7						
6		Pigeon				
5				Pigeon	X	
4						
3			X			Pigeon
2	X					
1						

2. V was living in the floor immediately above the one who has Pigeon. The one who has Cow lives three floors below V. Only one person lives between Y and the one who has Cow.

Floor	Case 1 Person	Case 1 Pets	Case 2 Person	Case 2 Pets	Case 2a Person	Case 2a Pets	Case 3 Person	Case 3 Pets
7	V							
6	Y	Pigeon	V		V			
5			Y	Pigeon		Pigeon	X	
4		Cow					V	
3			X	Cow	X	Cow	Y	Pigeon
2	X							
1					Y			Cow

3. The number of floors below Y is one more than the number of floors above the one who has Parrot. The one who has Goat lives two floors below the one who has Parrot. Hence, case 2a gets eliminated.

Floor	Case 1 Person	Case 1 Pets	Case 2 Person	Case 2 Pets	~~Case 2a~~ Person	~~Case 2a~~ Pets	Case 3 Person	Case 3 Pets
7	V							
6	Y	Pigeon	V		V			Parrot
5			Y	Pigeon		Pigeon	X	
4		Cow		Parrot			V	Goat
3		Parrot	X	Cow	X	Cow	Y	Pigeon
2	X			Goat				
1		Goat			Y			Cow

4. The number of floors between X and the one who has Goat is the same as the number of floors between the one who has Dog and Z, who doesn't live above the one who has Dog. Both U and T live above Z but not in consecutive floors. Both U and T doesn't live on the 6th floor. Hence, case 2 gets eliminated.

Floor	Case 1 Person	Case 1 Pets	Case 2 Person	Case 2 Pets	Case 3 Person	Case 3 Pets
7	V				U/T	
6	Y	Pigeon	V			Parrot
5	U/T		Y	Pigeon	X	
4		Cow		Parrot	V	Goat
3	T/U	Parrot	X	Cow	Y	Pigeon
2	X	Dog		Goat	T/U	Dog
1	Z	Goat			Z	Cow

5. W neither has Cow nor lives adjacent to T. The one who has Cat doesn't live on the topmost floor. Hence, case 1 gets eliminated.

Floor	Case 1 Person	Case 1 Pets	Case 3 Person	Case 3 Pets
7	V		U	Hen
6	Y	Pigeon	W	Parrot
5	U/T		X	Cat
4		Cow	V	Goat
3	T/U	Parrot	Y	Pigeon
2	X	Dog	T	Dog
1	Z	Goat	Z	Cow

Directions (6-10): Study the following information carefully and answer the questions given below:

आठ व्यक्ति - L, M, N, O, P, Q, R, और S, रैखिक पंक्ति में इस प्रकार बैठे हैं कि उनमें से कुछ का मुख उत्तर की ओर है जबकि कुछ का मुख दक्षिण दिशा की ओर है। दो से अधिक आसन्न व्यक्ति समान दिशा की ओर उन्मुख नहीं हैं। उनमें से प्रत्येक अलग-अलग ब्रांड के मोबाइल फोन का उपयोग करता है - ओप्पो, नोकिया, ऐप्पल, जियोनी, वीवो, एमआई, सैमसंग और जियो। जरूरी नहीं कि सभी सूचनाएं इसी क्रम में हों।

नोट: लगातार वर्णानुक्रम में नामित व्यक्ति एक दूसरे के आसन्न नहीं बैठता है। बाएँ और दाएँ सिरों को आपके बाएँ और दाएँ के अनुसार लिया जाता है।

Q, जो एमआई का प्रयोग करता है, बायें छोर से तीसरे स्थान पर बैठा है। Q और ओप्पो का उपयोग करने वाले व्यक्ति के बीच केवल एक व्यक्ति बैठा है। वह व्यक्ति जो वीवो का उपयोग करता है, Q के विपरीत दिशा में उन्मुख है और Q के तत्काल बायें बैठा है, जिसका मुख दक्षिण की ओर है। वह व्यक्ति जो एप्पल का उपयोग करता है, वीवो का उपयोग करने वाले व्यक्ति के तत्काल दायें बैठे व्यक्ति के बायें से दूसरे स्थान पर बैठा है। वह व्यक्ति जो जियो का उपयोग करता है, जियोनी का उपयोग करने वाले व्यक्ति के तत्काल बायें बैठा है और या इसके विपरीत (vice versa)। वह व्यक्ति जो सैमसंग का उपयोग करता है वह पंक्ति के छोर पर नहीं बैठा है। S उस व्यक्ति के दायें से दूसरे स्थान पर बैठा है जो जिओनी का उपयोग करता है। R और S के बीच केवल एक व्यक्ति बैठा है। सैमसंग का उपयोग करने वाला व्यक्ति उसी दिशा की

ओर उन्मुख है, जिसमे ओप्पो का उपयोग करने वाला है, जिसका उपयोग L करता है। पंक्ति के छोर पर बैठे व्यक्ति विपरीत दिशाओं का सामना करते हैं। R के तत्काल पड़ोसियों का मुख विपरीत दिशाओं में है। P और N दोनों न तो ऐप्पल और न ही नोकिया का उपयोग कर रहे हैं। M और P दोनों एक दूसरे के आसन्न हैं।

Eight persons - L, M, N, O, P, Q, R, and S, are sitting in the linear row such that some of them are facing north while some are facing south direction. Not more than two adjacent persons face the same direction. Each of them uses different brand mobile phones - Oppo, Nokia, Apple, Gionee, Vivo, MI, Samsung, and Jio. All the information is not necessarily in the same order.

Note: The consecutive alphabetically named person doesn't sit adjacent to each other. The left and the right ends are taken as per your left and right.

Q, who uses MI, sits third from the left end. Only one person sits between Q and the one who uses Oppo. The one who uses Vivo faces in the opposite direction of Q and sits to the immediate left of Q, who faces south. The one who uses Apple sits second to the left of the one who sits to the immediate right to the one who uses Vivo. The one who uses Jio sits to the immediate left of the one who uses Gionee and vice versa. The one who uses Samsung does not sit at the ends of the row. S sits second to the right of the one who uses Gionee. Only one person sits between R and S. The one who uses Samsung faces the same direction as the one who uses Oppo, which is used by L. The persons who sits at the ends of the row face the opposite directions. The immediate neighbors of R are facing the opposite directions. Both P and N are neither using Apple nor Nokia. Both M and P are adjacent to each other.

6) Which of the following combination is false with respect to the final arrangement?

A.M-Vivo

B.S- Nokia

C.L-Jio

D.N-Samsung

E.O-Apple

7) Four of the following five are alike in a certain way and hence form a group. Find the one that does not belong to that group.

A.LN

B.QP

C.RO

D.SQ

E.NS

8) Who among the following person sits to the immediate left of the one who uses Samsung?

A.L

B.The one who sits third to the left of M

C.The one who sits second to the right of Q

D.The one who uses Oppo

E.All the above

9) Who among the following person is the neighbour of P?

A.S

B.The one who uses MI

C.Q

D.The one who sits second to the right of N

E.None of these

10) How many persons are sitting between R and the one who uses Oppo?

A. Four

B. Two

C. One

D. Three

E. None

Directions (6-10):

6) Answer: C

7) Answer: E

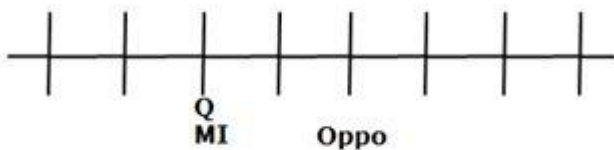**8) Answer: E**

9) Answer: D
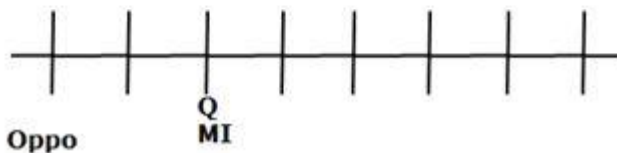
10) Answer: A

We have,

- Q, who uses MI, sits third from the left end.
- The left and the right ends are taken as per your left and right.
- Only one person sits between Q and the one who uses Oppo.

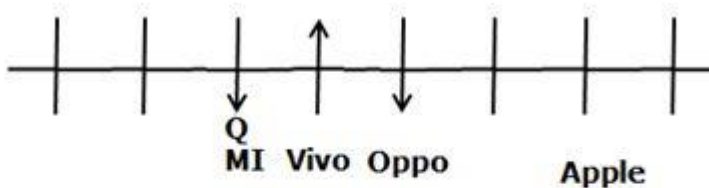From the above condition, there are two possibilities.

Case1

Q
MI   Oppo

Case2
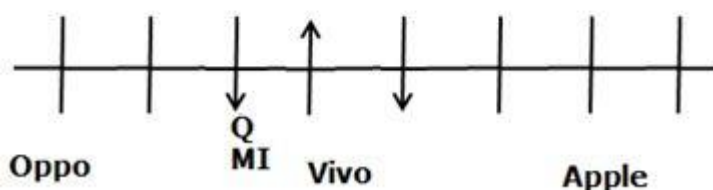

Oppo   Q
         MI

Again we have,

- The one who uses Vivo faces in the opposite direction of Q and sits to the immediate left of Q, who faces south.
- The one who uses Apple sits second to the left of the one who sits to the immediate right to the one who uses Vivo.

Case1

Q
MI Vivo Oppo   Apple

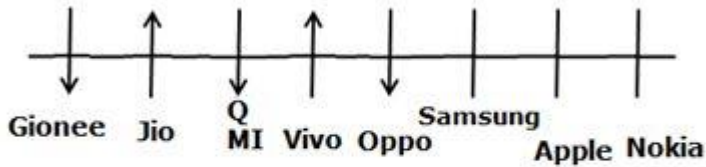**Case2**

Oppo   Q
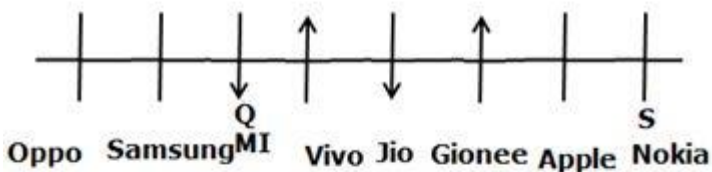   MI   Vivo   Apple

Again we have,

- The one who uses Jio sits to the immediate left of the one who uses Gionee and vice versa.
- The one who uses Samsung does not sit at the ends of the row.
- S sits second to the right of the one who uses Gionee.

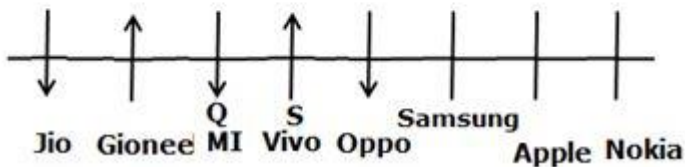From the above condition, case 1 gets eliminated.

Case1

| ↓ | ↑ | ↓ | ↑ | ↓ | | | |
| Gionee | Jio | Q MI | Vivo | Oppo | Samsung | Apple | Nokia |

Case2

| | | ↓ | ↑ | ↓ | ↑ | | |
| Oppo | Samsung | Q MI | Vivo | Jio | Gionee | Apple | S Nokia |

Case1a

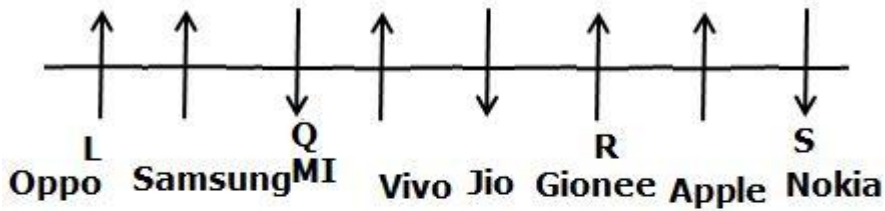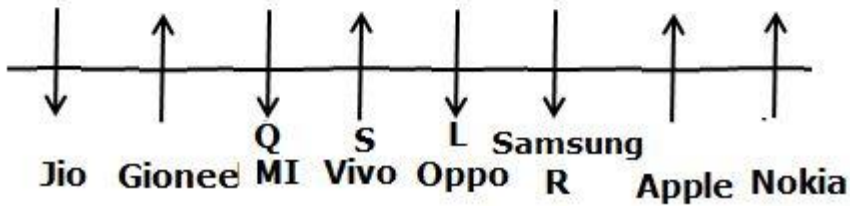| ↓ | ↑ | ↓ | ↑ | ↓ | | | |
| Jio | Gionee | Q MI | S Vivo | Oppo | Samsung | Apple | Nokia |

Again we have,
- Only one person sits between R and S.
- The one who uses Samsung faces the same direction as the one who uses Oppo, which is used by L.
- The persons who sits at the ends of the row face the opposite directions.
- The immediate neighbors of R are facing the opposite directions.
- Not more than two adjacent persons face the same direction.

Case2

L — Oppo Q — Samsung MI Vivo Jio R — Gionee Apple S — Nokia

Case1a

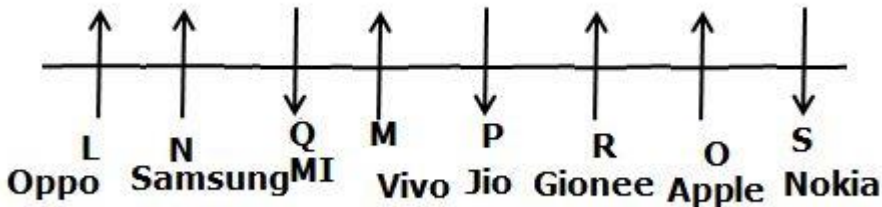Jio Gionee Q — MI S — Vivo L — Oppo R Samsung Apple Nokia
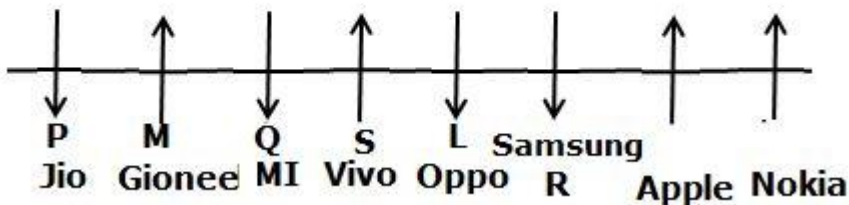
Again we have,

- Both M and P are adjacent to each other.
- Both P and N are neither using Apple nor Nokia.
- The consecutive alphabetically named person doesn't sit adjacent to each other.

From the above condition, case   1a gets eliminated. Case 2 shows the final arrangement.

Case2

L N — Oppo Samsung Q MI M Vivo P Jio R — Gionee O Apple S — Nokia

Case1a

P M Q — Jio Gionee MI S — Vivo L — Oppo R Samsung Apple Nokia

Directions (11-15): Study the following information carefully and answer the below questions

दस टैक्सी मालिक - M, N, O, P, Q, R, S, T, U, और V अलग-अलग महीनों - जनवरी, मार्च, अप्रैल, मई, जून, अगस्त, सितंबर, अक्टूबर, नवंबर और दिसंबर में अपना रोड टैक्स दे रहे हैं । जरूरी नहीं कि सभी सूचनाएं इसी क्रम में हों। M ने जून के बाद के महीने में भुगतान किया। U ने M से तीन महीने पहले भुगतान किया। U न तो जून में और न ही अगस्त में भुगतान करता है। U और O के बीच केवल दो व्यक्ति भुगतान कर रहे हैं। V ने M से तीन व्यक्तियों पहले भुगतान करने वाले व्यक्ति के दो महीने बाद भुगतान किया। O और V के बीच भुगतान करने वाले व्यक्तियों की संख्या U और N के बीच भुगतान करने वाले व्यक्तियों की संख्या के समान है। N और P के बीच एक महीने का अंतर है। Q ने S के महीने से तत्काल पहले भुगतान किया। S विषम दिनों वाले महीने में भुगतान नहीं करता है। Q और M के बीच भुगतान करने वाले व्यक्तियों की संख्या, P और T के बीच भुगतान करने वाले व्यक्तियों की संख्या से एक अधिक है। R, P के बाद भुगतान नहीं करता है।

Ten taxi owners- M, N, O, P, Q, R, S, T, U, and V are paying their road tax on different months- January, March, April, May, June, August, September, October, November and December. All the information is not necessarily in the same order.
M paid in the month after June. U paid three months before M. U pays neither in June nor in August. Only two persons are paying between U and O. V paid two months after the one who paid three persons before M. The number of persons paid between O and V is the same as the number of persons paid between U and N. There is a gap of one month between N and P. Q paid immediately before the month of S. S does not pay in a month having an odd number of days. The number of persons paid between Q and M is one more than the number of persons paid between P and T. R does not pay after P.

11) Four of the following are alike a certain way and hence form a group. Who among the following does not belong to the group?

a) The one who paid immediately before Q

b) The one who paid two persons before N

c) The one who paid immediately after O

d) The one who paid three months after V

e) The one who paid two persons after N

12) Which of the following statement is/are true?

I. S and U paid in consecutive month

II. Only three persons paid between R and Q

III. V is paid in June

IV. N paid in month having an odd number of days

a) Only I, II, and III

b) Only III and IV

c) Only I, III, and IV

d) Only II and IV

e) None of these

13) Who among the following person paid in October?

a) The one who paid immediately before M

b) The one who paid two months before P

c) The one who paid immediately after R

d) The one who paid three months after O

e) The one who paid two months before M

14) In which among the following Month U has paid the tax?

a) August

b) June

c) April

d) March

e) May

15) How many persons paid between U and R?

a) One

b) As many persons paid between Q and V

c) Three

d) Four

e) As many persons paid before N

Directions (11-15):

11) Answer: D

12) Answer: C

13) Answer: B

14) Answer: E

15) Answer: D

Final Arrangement

January	O
March	Q
April	S
May	U
June	V
August	M
September	T
October	N
November	R
December	P

We have,

- M paid in the month after June.
- U paid three months before M. U pays neither in June nor in August.

From the above condition, there are two possibilities.

	Case1	Case2
January		
March		
April		
May	U	
June		
August	M	
September		U
October		
November		
December		M

Again we have,

- Only two persons are paying between U and O.

From the above condition, there are three possibilities.

	Case1	Case2	Case1a
January	O		
March			
April			
May	U	O	U
June			
August	M		M
September		U	O
October			
November			
December		M	

Again we have,

- V paid two months after the one who paid three persons before M.
- The number of persons paid between O and V is the same as the number of persons paid between U and N.
- There is a gap of one month between N and P.

	Case1	Case2	Case1a
January	O	P	P
March		N	N
April			
May	U	O	U
June	V		V
August	M		M
September		U	O
October	N		
November		V	
December	P	M	

Again we have,

- Q paid immediately before the month of S.
- S does not pay in a month having an odd number of days.
- The number of persons paid between Q and M is one more than the number of persons paid between P and T.
- R does not pay after P.

From the above condition, case2 and Case1a get eliminated. Case1 shows the final arrangement.

	Case1	Case2	Case1a
January	O	P	P
March	Q	N	N
April	S		
May	U	O	U
June	V		V
August	M		M
September	T	U	O
October	N		Q
November	R	V	S
December	P	M	