Banking Daily Quiz Blog - February 18

1. **Study the following information carefully and answer the question given below.**

Seven persons D, G, P, L, J, U and Q are sitting in a row facing to the north. They all have of different ages. D sits 3rd from one of the extreme ends of the row. Q sits 2nd to the right of D. The number of persons sit to the left of Q is same as the number of persons sit to the right of G, who is 20 years old. P sits 4th to the left of the one who is 35 years old. Q is not 35 years old. Total age of immediate neighbours of D is 75 years. J is 30 years old. P is 20 year older than one of his immediate neighbours. U sits to the right of L, who sits immediate to the left of the one who is 25 years old. Q is 5 year younger than P.

A. **What is the position of J with respect to Q?**

A	2nd to the left

B	Immediate left

C	Immediate right

D	**4th to the left**

E	3rd to the right

Solution

Seven persons D, G, P, L, J, U and Q are sitting in a row facing to the north having different ages.

D sits 3rd from one of the extreme ends of the row. Q sits 2nd to the right of D.
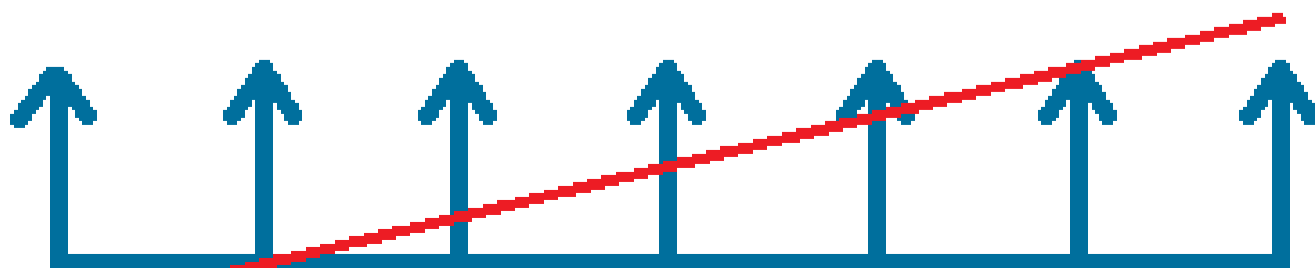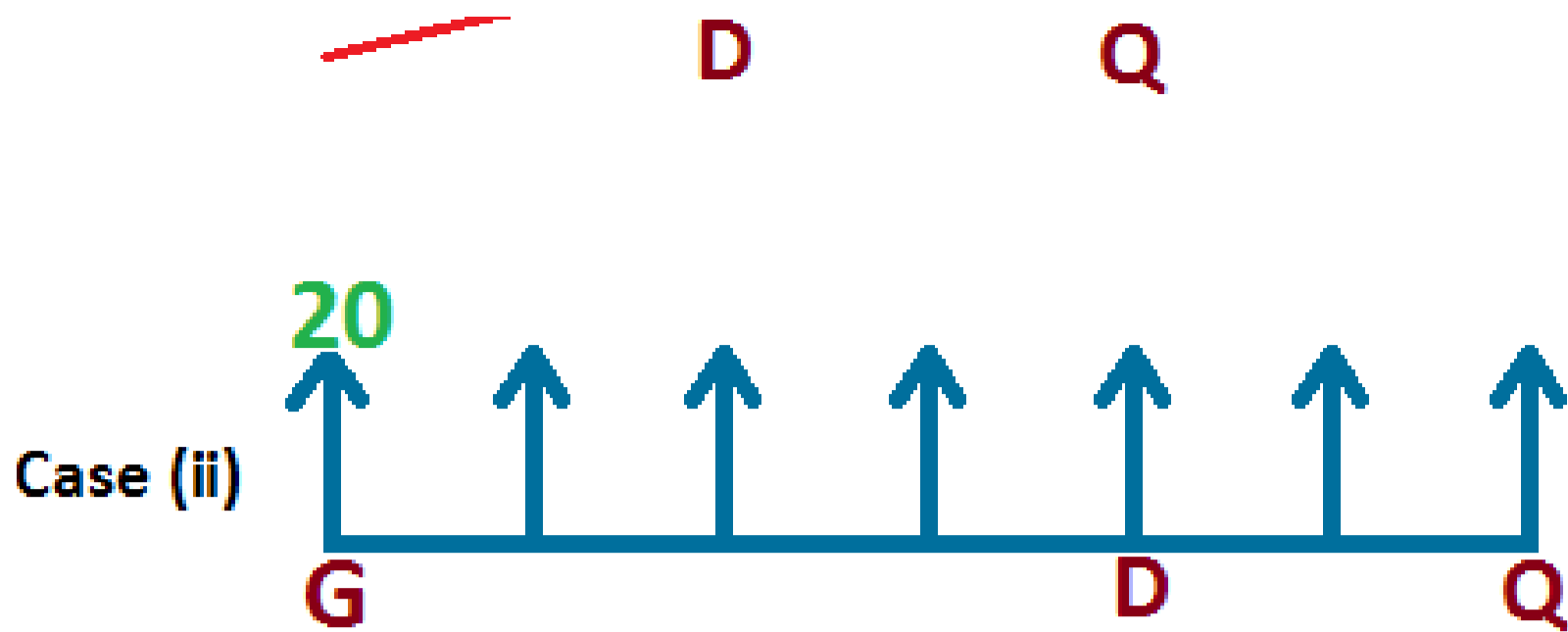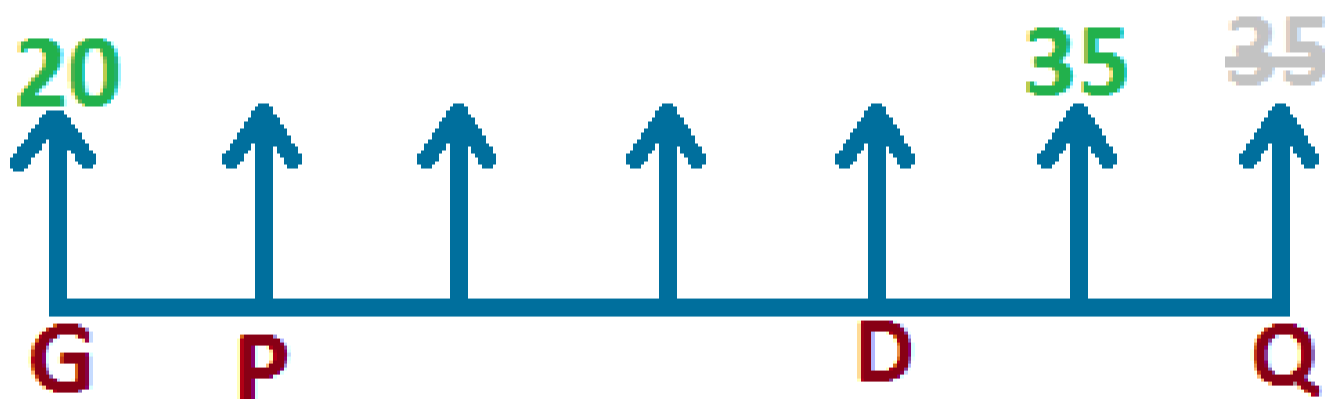
Case (i)

Case (ii)

The number of persons sit to the left of Q is same as the number of persons sit to the right of G, who is 20 years old. So there is no possibility for placing G in case (i).So, case (i) is eliminated.
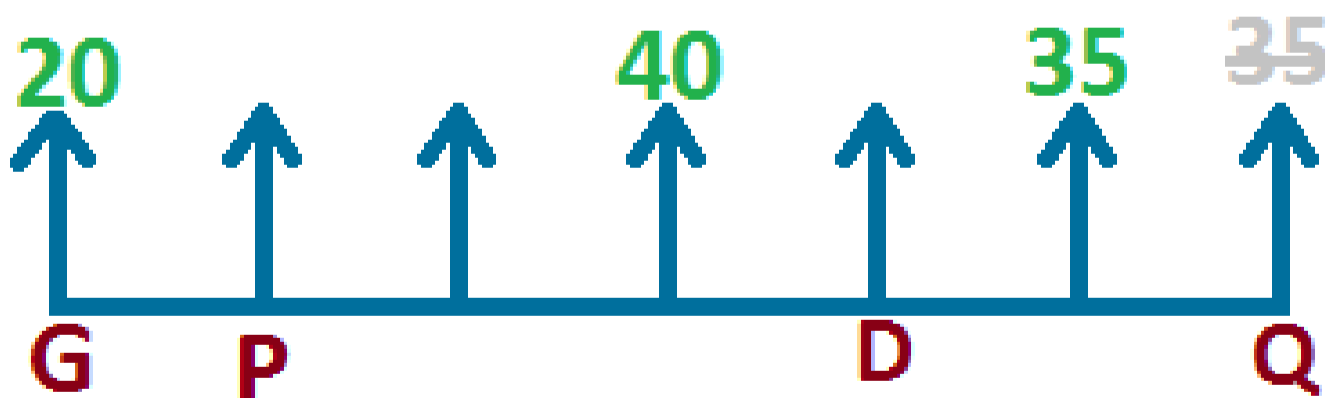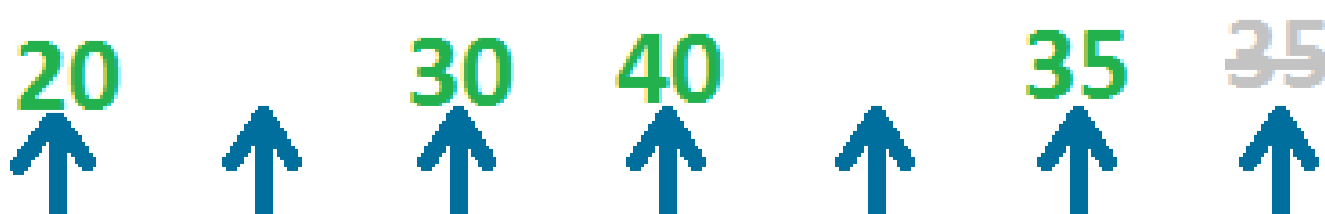
Case (i)

Case (ii)

20
G   D   Q

P sits 4th to the left of the one who is 35 years old. Q is not 35 years old.

20   35   35
G   P   D   Q

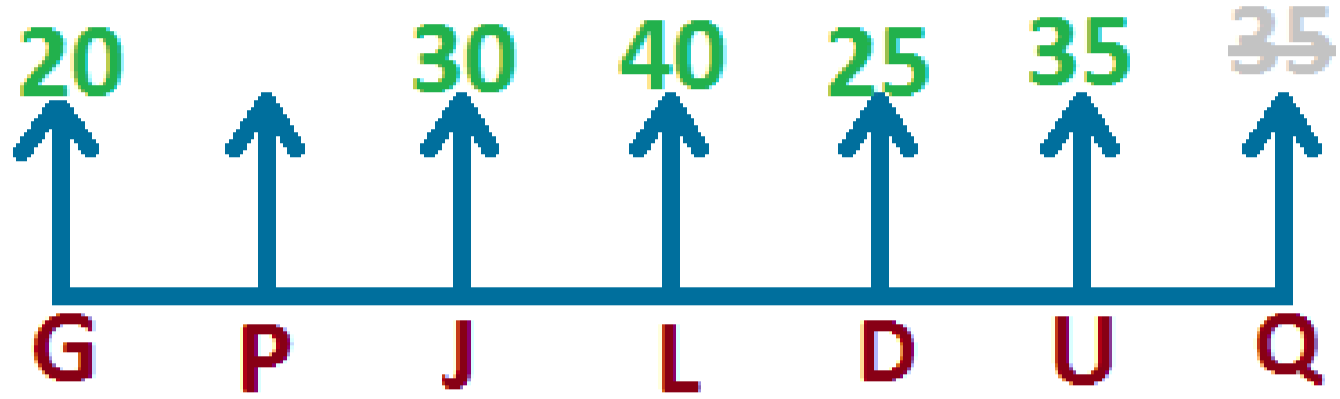Total age of immediate neighbours of D is 75 years.

20   40   35   35
G   P   D   Q

J is 30 years old. So, J will be immediate right of P.

20   30   40   35   35

```
  |   |   |       |        |
  G   P   J       D        Q
```
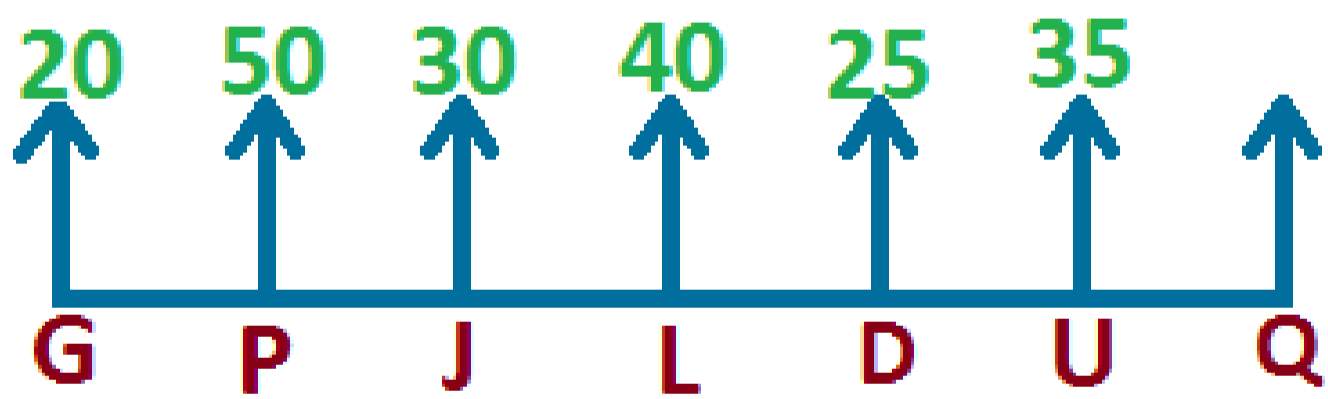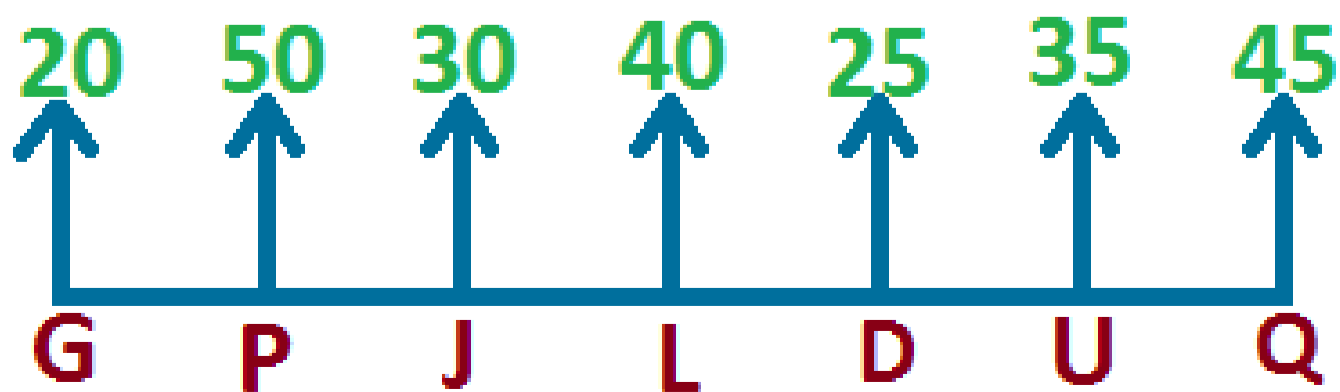
U sits to the right of L, who sits immediate to the left of the one who is 25 years old.So, the person who is immediate right of L is 25 years old.

```
20          30   40   25   35   35
↑    ↑    ↑    ↑    ↑    ↑    ↑
G    P    J    L    D    U    Q
```

P is 20 year older than one of his immediate neighbours. There is no chance that P is having 40 years age as already L is having 40 years age.P's age is 20 years more than the age of his immediate right J (30 years) .So the age of P will be 50 years.

```
20   50   30   40   25   35
↑    ↑    ↑    ↑    ↑    ↑    ↑
G    P    J    L    D    U    Q
```

Q is 5 year younger than P.So, the final arrangement as shown below,

```
20   50   30   40   25   35   45
↑    ↑    ↑    ↑    ↑    ↑    ↑
G    P    J    L    D    U    Q
```

J is Fourth to the left of Q.

Therefore answer option is (D).

B. **Four of the following five are alike in a certain way and so form a group. Find the one who does not belong to that group?**
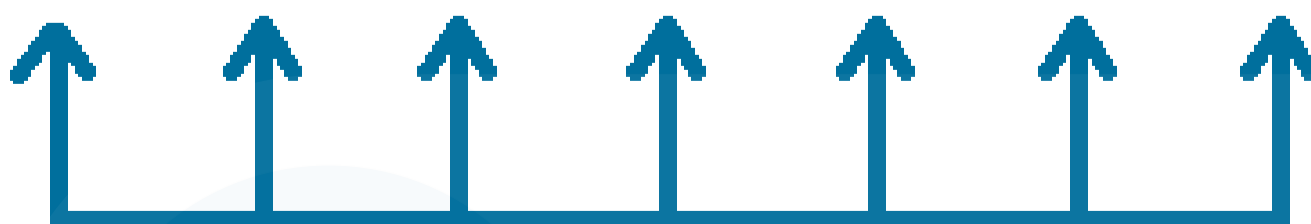
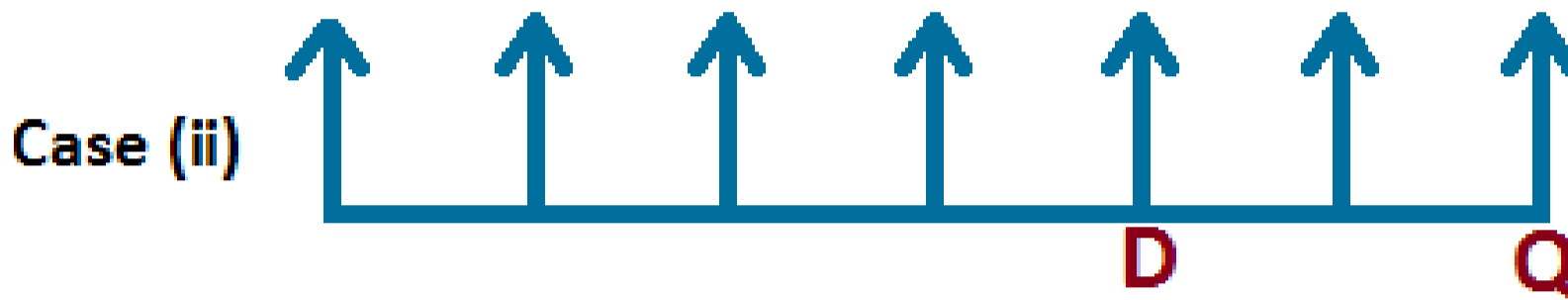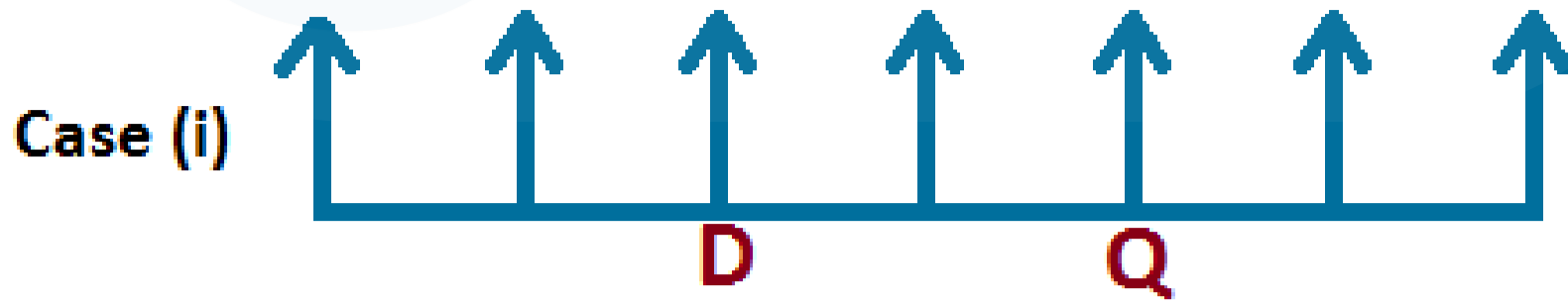A   P

B   G

C   J

D   L

E   U

Solution

Seven persons D, G, P, L, J, U and Q are sitting in a row facing to the north having different ages.

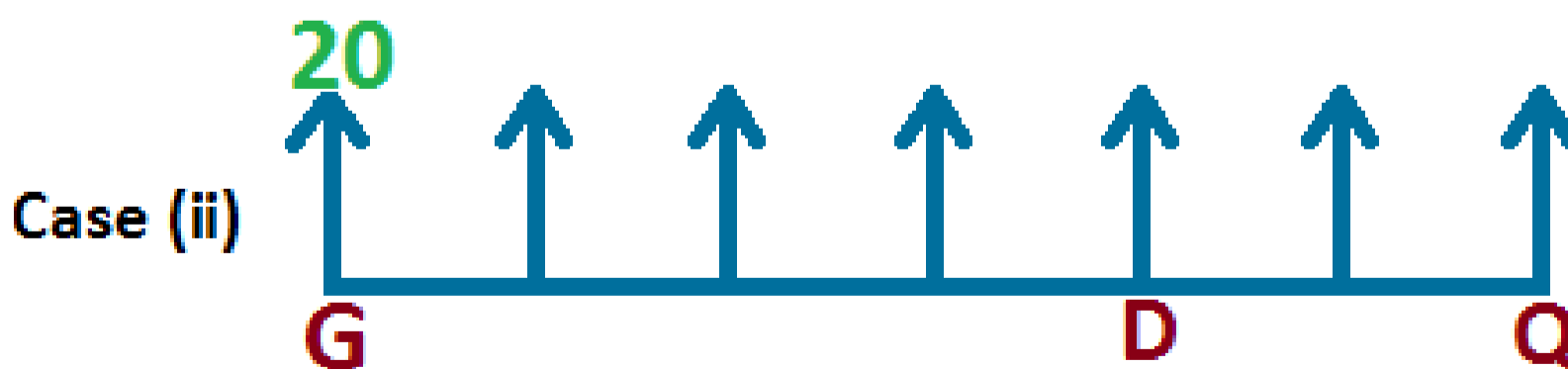D sits 3rd from one of the extreme ends of the row. Q sits 2nd to the right

of D.

Case (i)

Case (ii)

The number of persons sit to the left of Q is same as the number of persons sit to the right of G, who is 20 years old. So there is no possibility for placing G in case (i).So, case (i) is eliminated.

Case (i)

Case (ii)
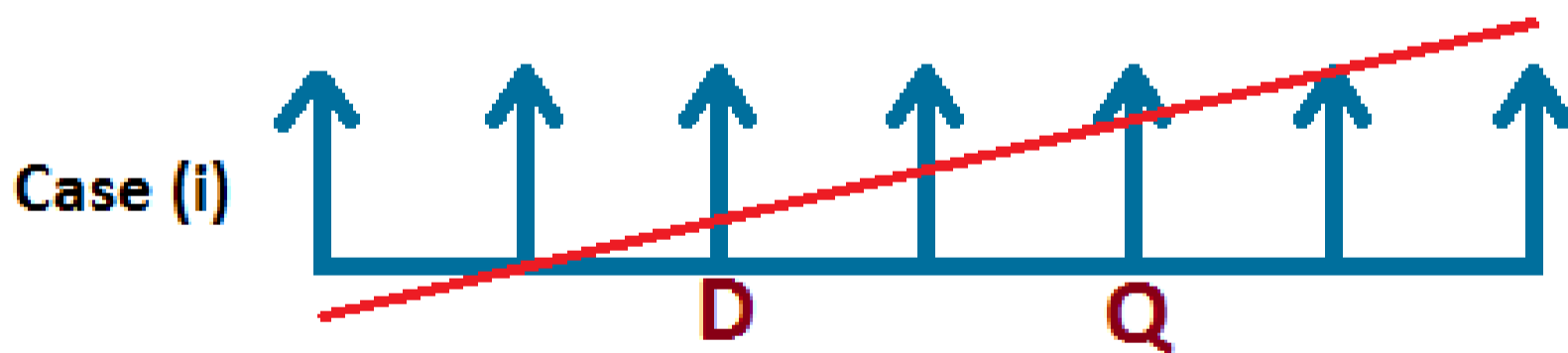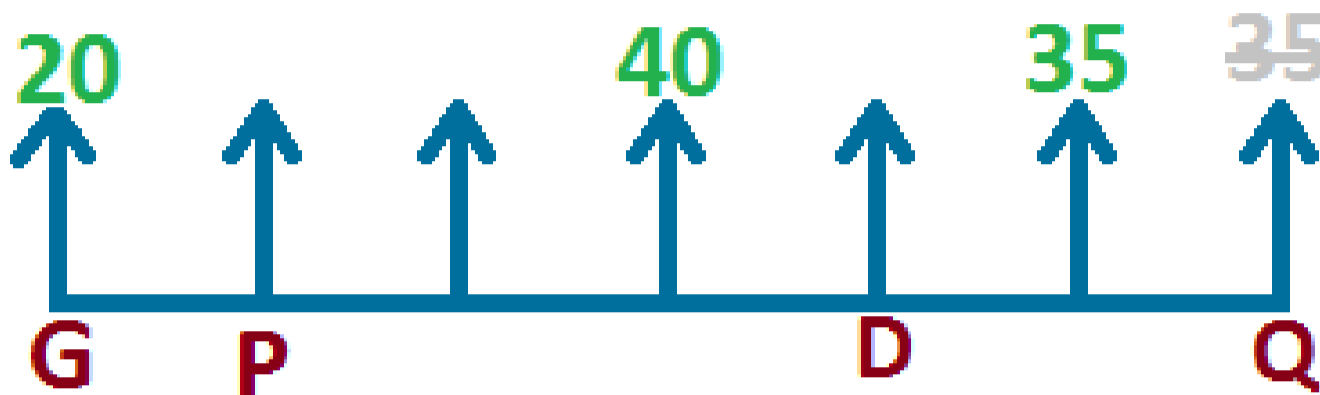

P sits 4th to the left of the one who is 35 years old. Q is not 35 years old.

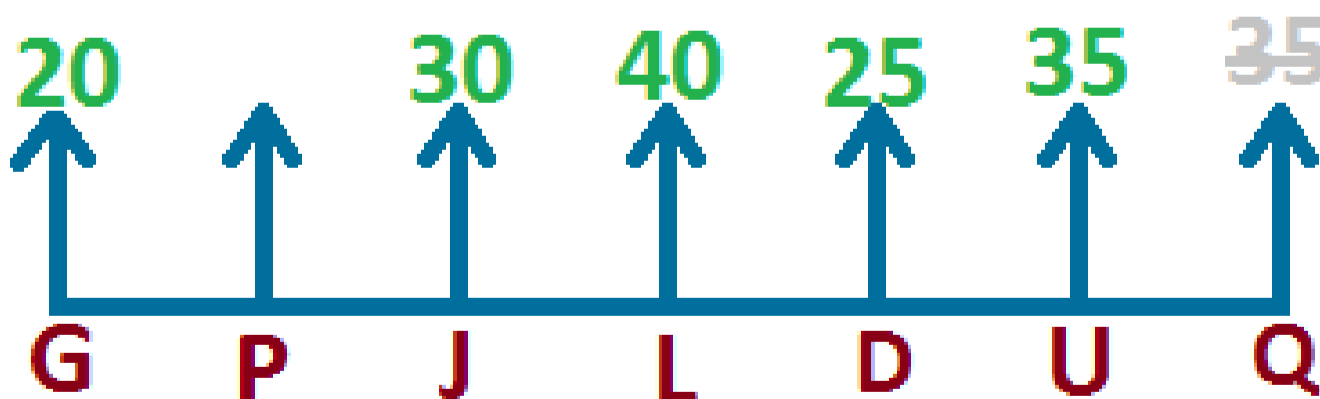20   35 35

Total age of immediate neighbours of D is 75 years.
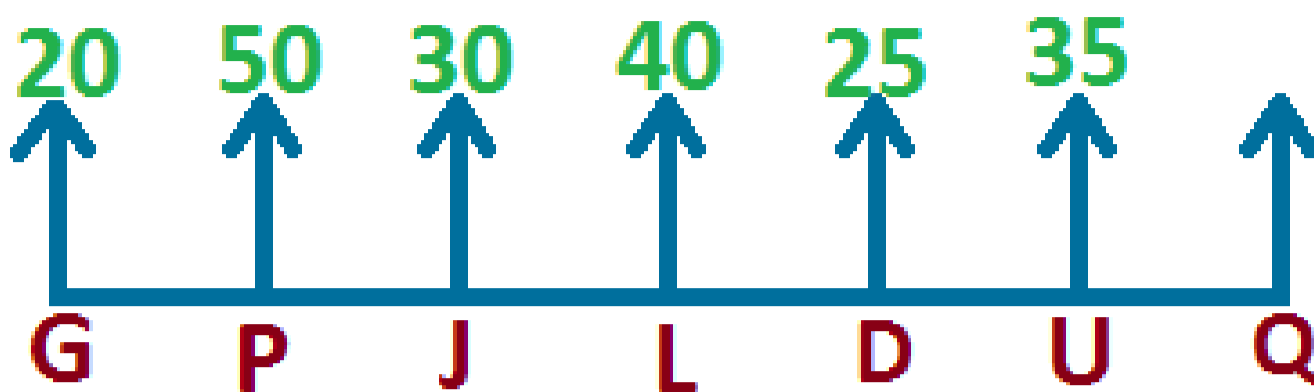

J is 30 years old. So, J will be immediate right of P.

U sits to the right of L, who sits immediate to the left of the one who is 25 years old.So, the person who is immediate right of L is 25 years old.
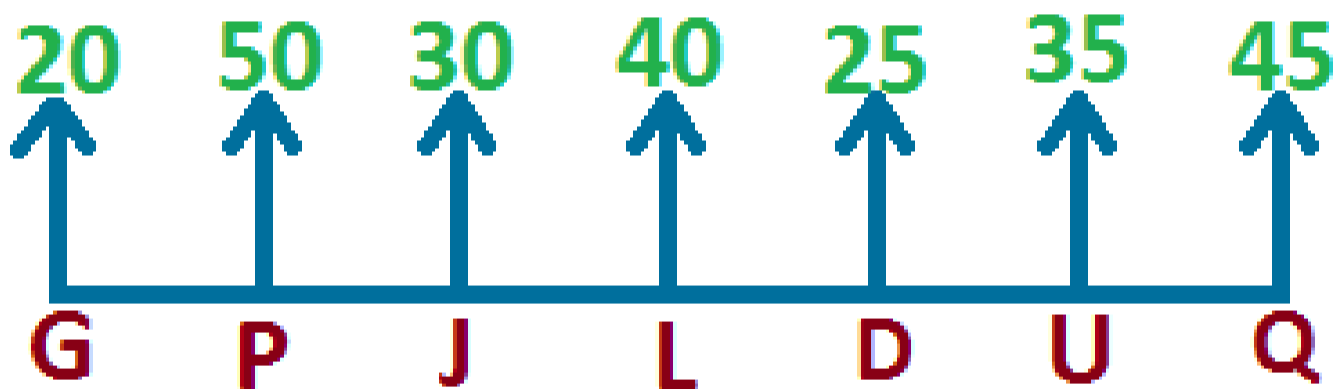

P is 20 year older than one of his immediate neighbours. There is no chance that P is having 40 years age as already L is having 40 years age.P's age is 20 years more than the age of his immediate right J (30

years) .So the age of P will be 50 years.

20 50 30 40 25 35

↑   ↑   ↑   ↑   ↑   ↑   ↑

G   P   J   L   D   U   Q

Q is 5 year younger than P.So, the final arrangement as shown below,

20 50 30 40 25 35 45

↑   ↑   ↑   ↑   ↑   ↑   ↑

G   P   J   L   D   U   Q

Except U remaining are immediate in consecutive positions.So, U is not belong to that group.

Therefore answer option is (E).

C. Who among the following is 40 years old?
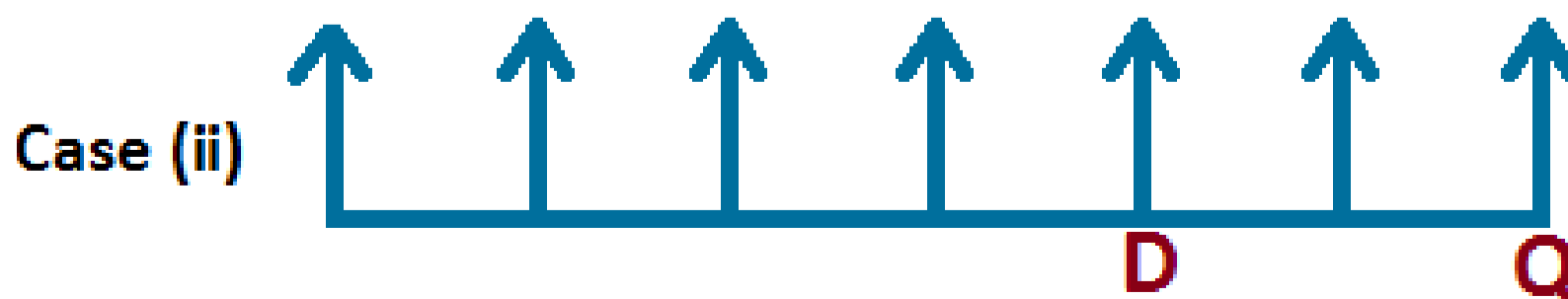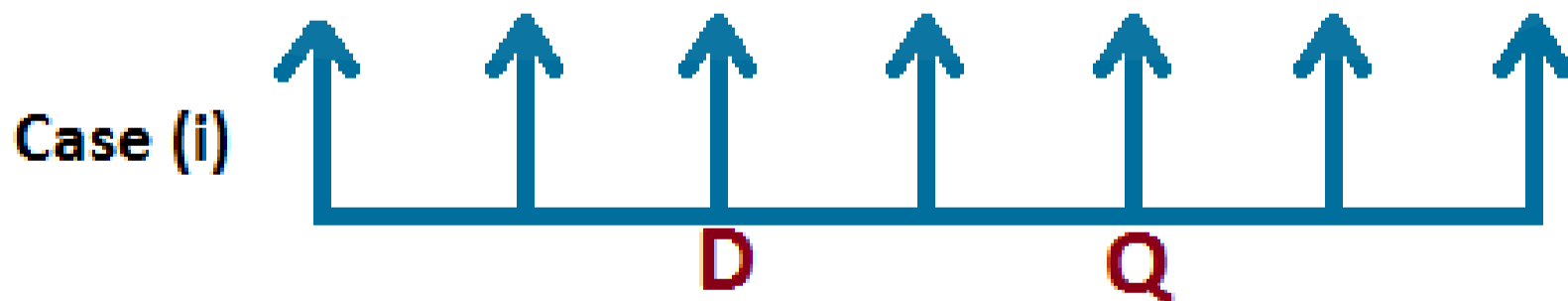
A   L

B   P

C   D

D   U
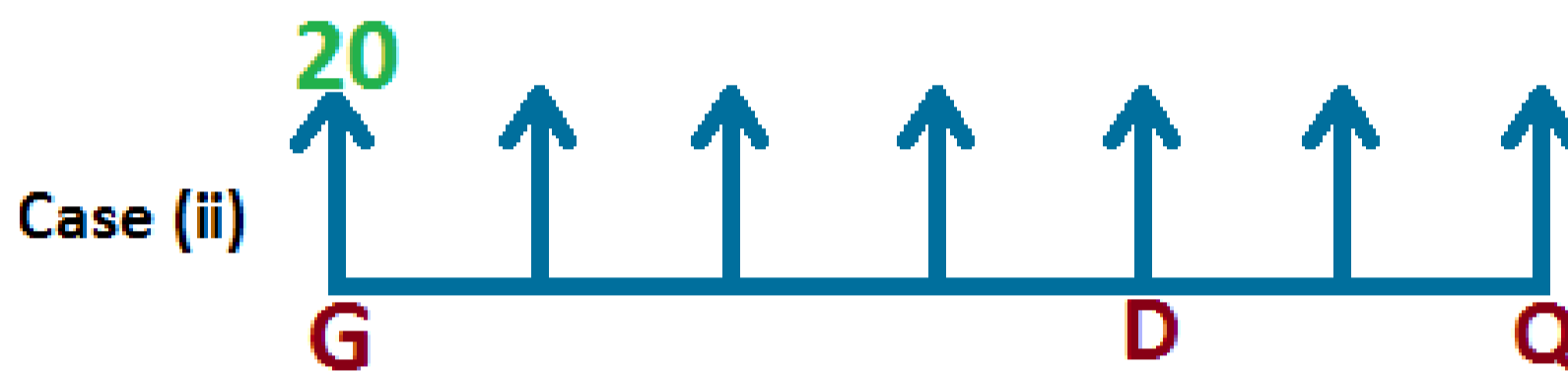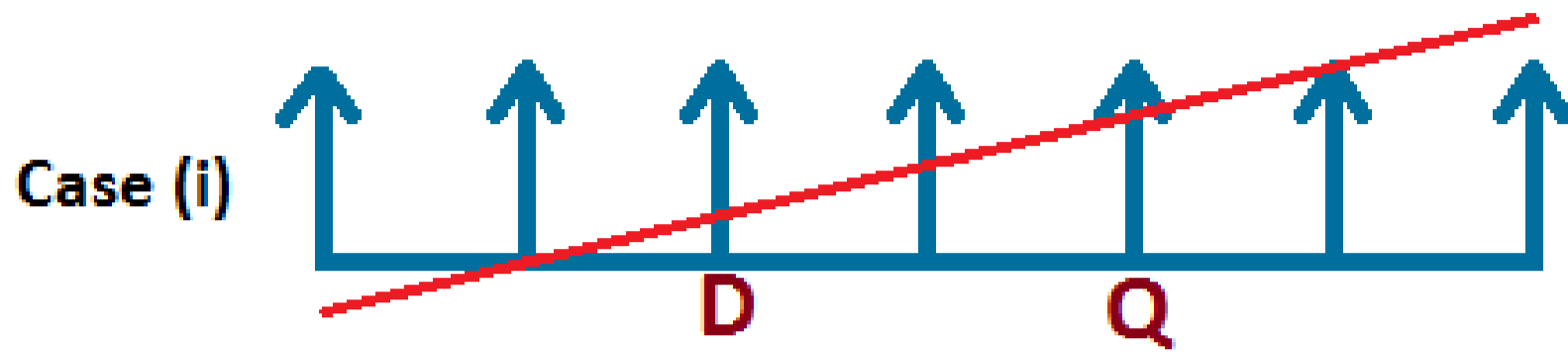
E   None of these

Solution

Seven persons D, G, P, L, J, U and Q are sitting in a row facing to the north having different ages.

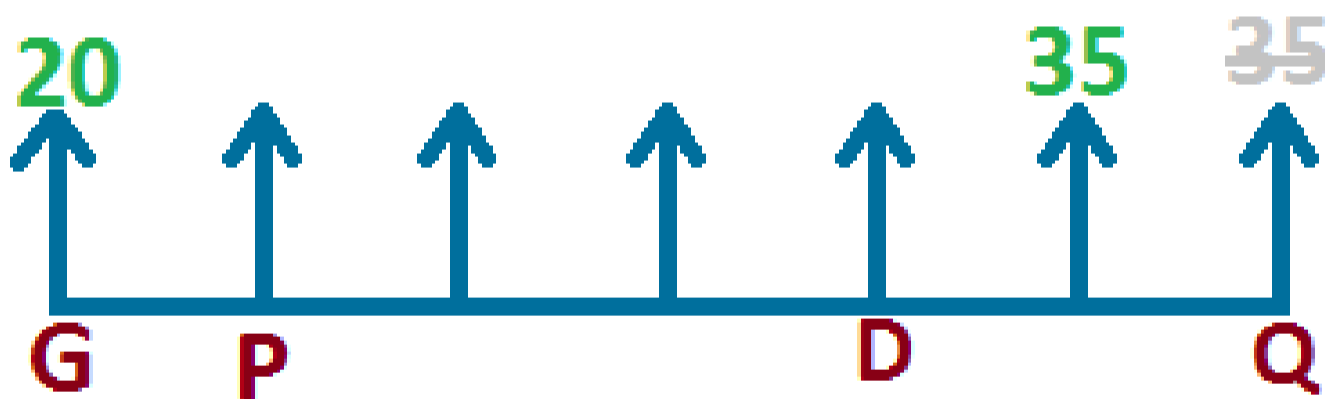D sits 3rd from one of the extreme ends of the row. Q sits 2nd to the right of D.

Case (i)

Case (ii)

The number of persons sit to the left of Q is same as the number of persons sit to the right of G, who is 20 years old. So there is no possibility for placing G in case (i).So, case (i) is eliminated.

Case (i)

D   Q

Case (ii)

20

G   D   Q

P sits 4th to the left of the one who is 35 years old. Q is not 35 years old.

20   35   35

G   P   D   Q

Total age of immediate neighbours of D is 75 years.

20   40   35   35

G   P   D   Q

J is 30 years old. So, J will be immediate right of P.

20   30   40   35   25

```
  20      30  40  25  35  35
  ↑    ↑  ↑   ↑   ↑   ↑   ↑
  └────┴──┴───┴───────┴───┘
  G    P  J           D   Q
```

U sits to the right of L, who sits immediate to the left of the one who is 25 years old.So, the person who is immediate right of L is 25 years old.

```
  20        30  40  25  35  35
  ↑    ↑    ↑   ↑   ↑   ↑   ↑
  └────┴────┴───┴───┴───┴───┘
  G    P    J   L   D   U   Q
```

P is 20 year older than one of his immediate neighbours. There is no chance that P is having 40 years age as already L is having 40 years age.P's age is 20 years more than the age of his immediate right J (30 years) .So the age of P will be 50 years.

```
  20  50  30  40  25  35
  ↑   ↑   ↑   ↑   ↑   ↑   ↑
  └───┴───┴───┴───┴───┴───┘
  G   P   J   L   D   U   Q
```

Q is 5 year younger than P.So, the final arrangement as shown below,

```
  20  50  30  40  25  35  45
  ↑   ↑   ↑   ↑   ↑   ↑   ↑
  └───┴───┴───┴───┴───┴───┘
  G   P   J   L   D   U   Q
```

L is having 40 years age.

Therefore answer option is (A).

D. Which of the following statement is true?

A   J sits to the right of L

B   D sits 3rd to the right of G

C   P sits at one of the extreme ends

D   None is true

E   **Q sits immediate right of the one who is 35 years old**

Solution

Seven persons D, G, P, L, J, U and Q are sitting in a row facing to the north having different ages.
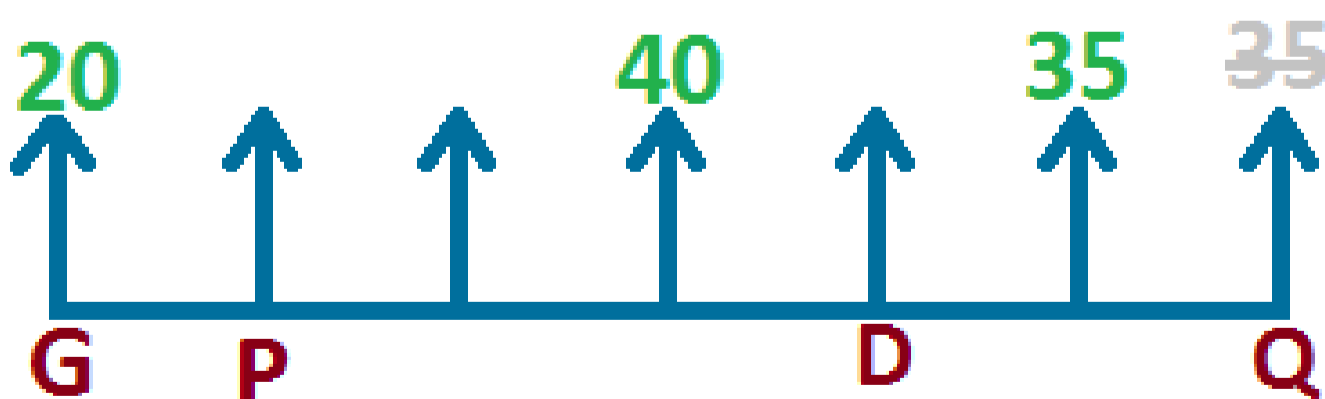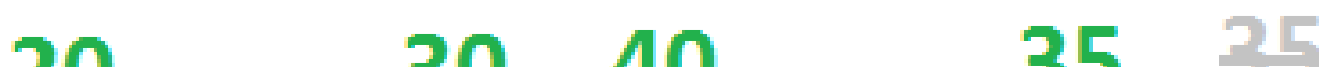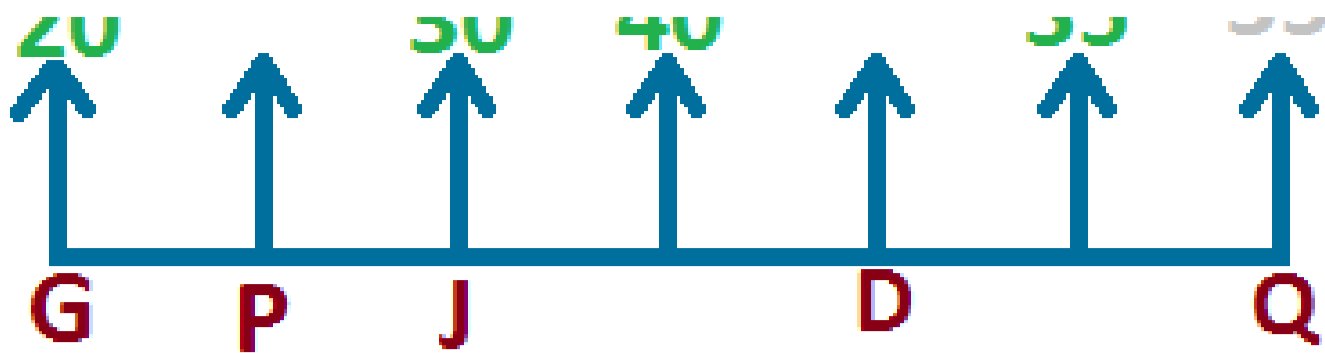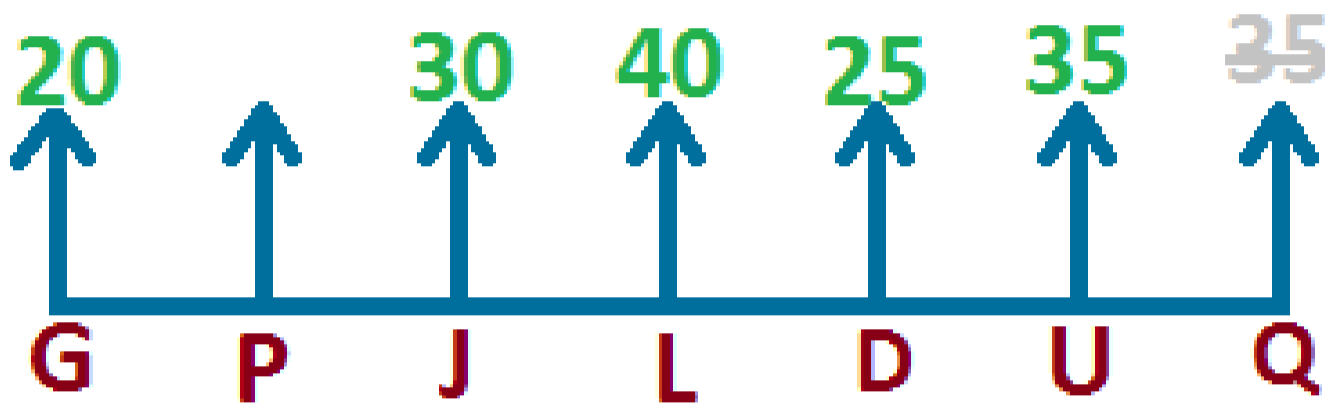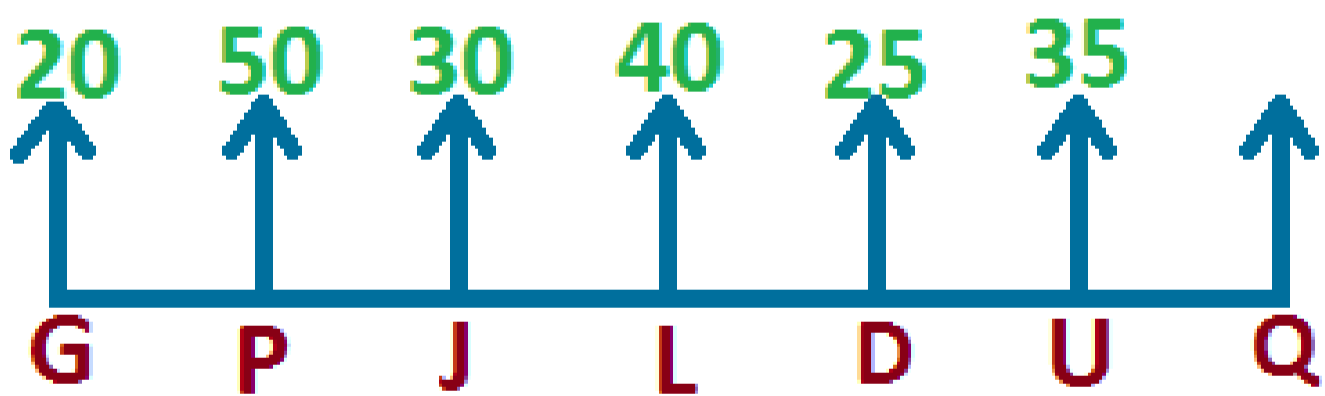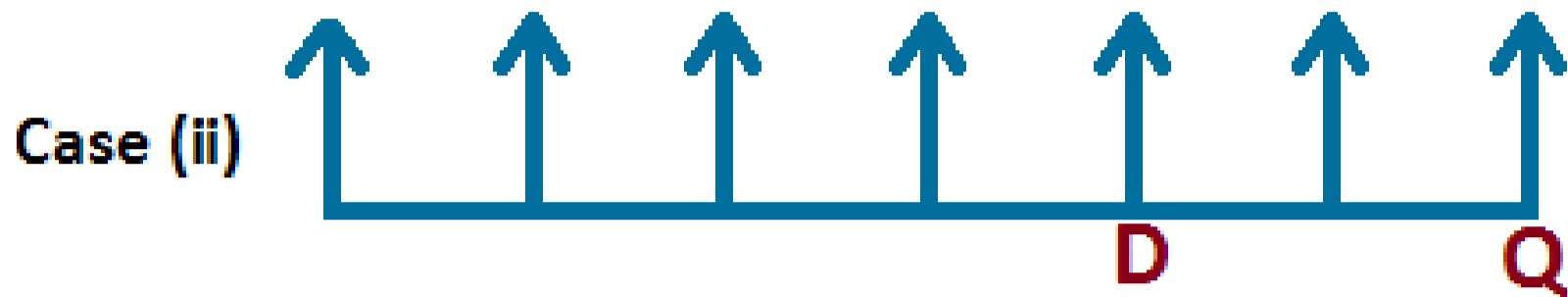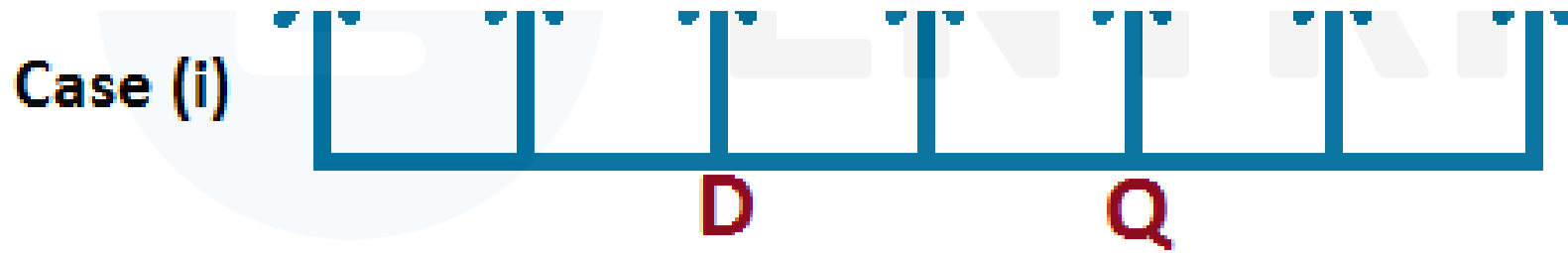

D sits 3rd from one of the extreme ends of the row. Q sits 2nd to the right of D.

Case (i)

D   Q

Case (ii)

D   Q

The number of persons sit to the left of Q is same as the number of persons sit to the right of G, who is 20 years old. So there is no possibility for placing G in case (i).So, case (i) is eliminated.

Case (i)

D   Q

Case (ii)

20

G   D   Q

P sits 4th to the left of the one who is 35 years old. Q is not 35 years old.

20   35 35

G P   D   Q

Total age of immediate neighbours of D is 75 years.

20   40   35   35

↑   ↑   ↑   ↑   ↑   ↑   ↑

G   P   D   Q

J is 30 years old. So, J will be immediate right of P.

20   30   40   35   35

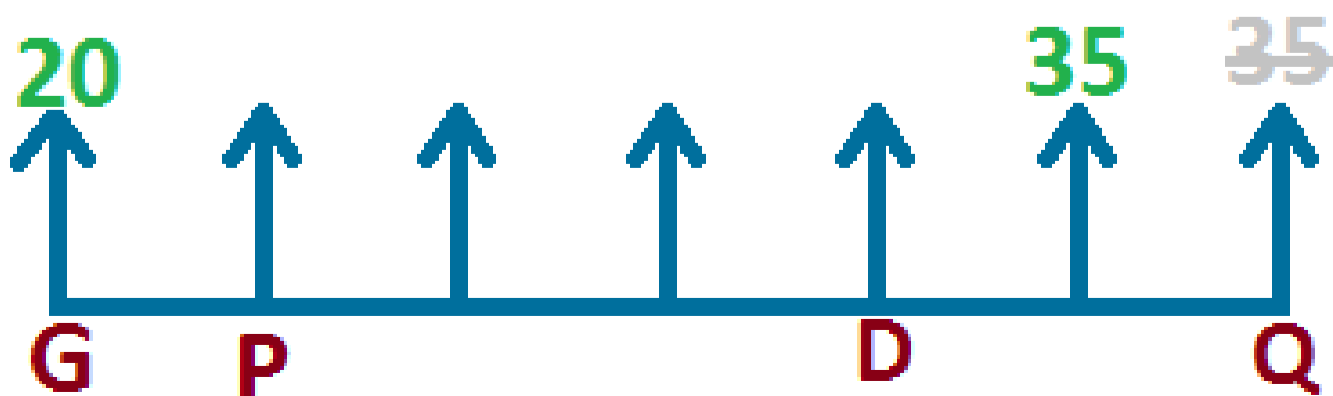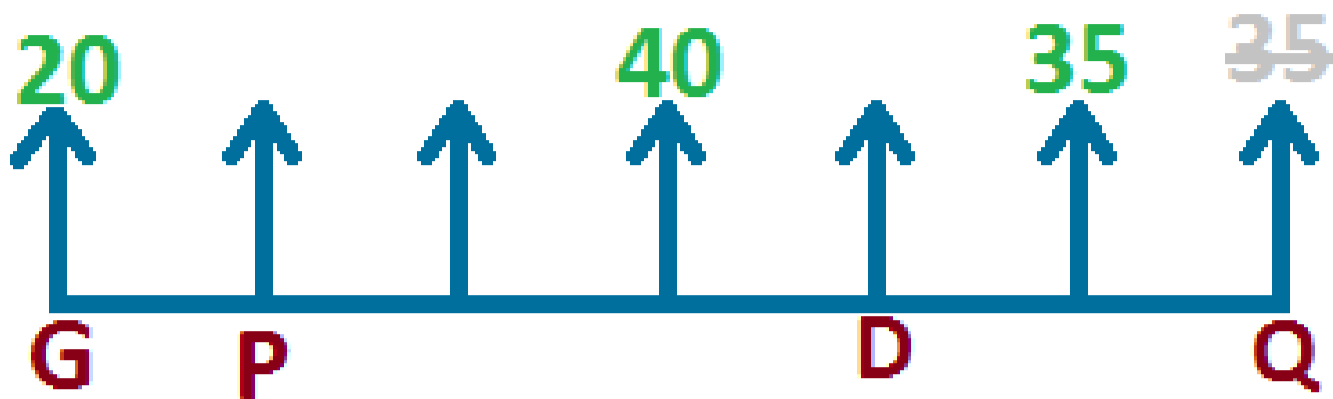↑   ↑   ↑   ↑   ↑   ↑   ↑

G   P   J   D   Q

U sits to the right of L, who sits immediate to the left of the one who is 25 years old.So, the person who is immediate right of L is 25 years old.

20   30   40   25   35   35

↑   ↑   ↑   ↑   ↑   ↑   ↑

G   P   J   L   D   U   Q

P is 20 year older than one of his immediate neighbours. There is no chance that P is having 40 years age as already L is having 40 years age.P's age is 20 years more than the age of his immediate right J (30

years) .So the age of P will be 50 years.

| 20 | 50 | 30 | 40 | 25 | 35 | |
| G | P | J | L | D | U | Q |

Q is 5 year younger than P.So, the final arrangement as shown below,

| 20 | 50 | 30 | 40 | 25 | 35 | 45 |
| G | P | J | L | D | U | Q |

Q sits immediate right of U who is having 35 years age.So, this is true according to the arrangement.

Therefore answer option is (E).

E. **The number of persons sit between L and Q is same as the number of persons sit between P and __ ?**

A **D**

B **G**

Solution

Seven persons D, G, P, L, J, U and Q are sitting in a row facing to the north having different ages.

D sits 3rd from one of the extreme ends of the row. Q sits 2nd to the right of D.

Case (i)

Case (ii)

The number of persons sit to the left of Q is same as the number of persons sit to the right of G, who is 20 years old. So there is no possibility for placing G in case (i).So, case (i) is eliminated.
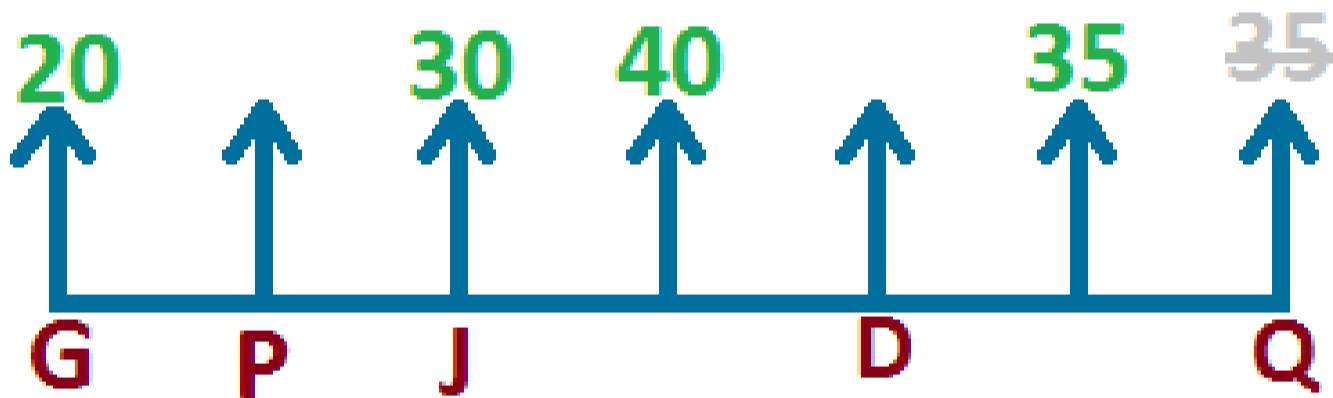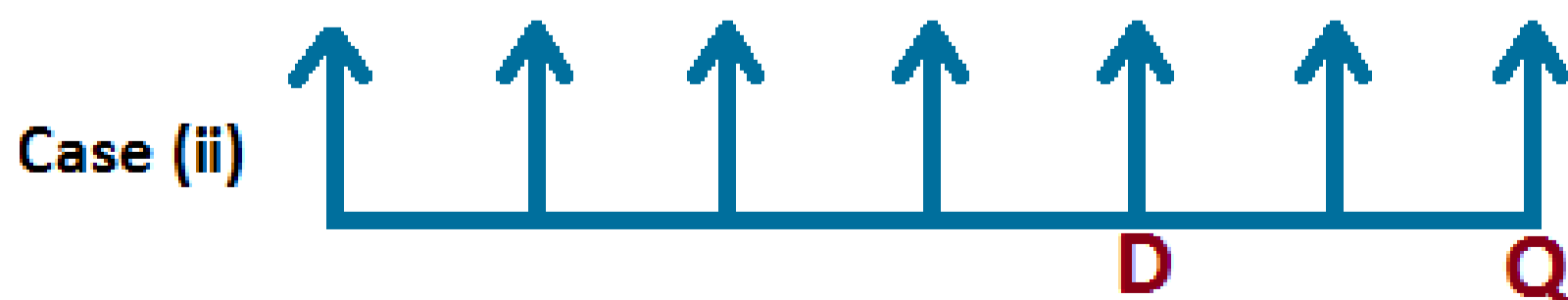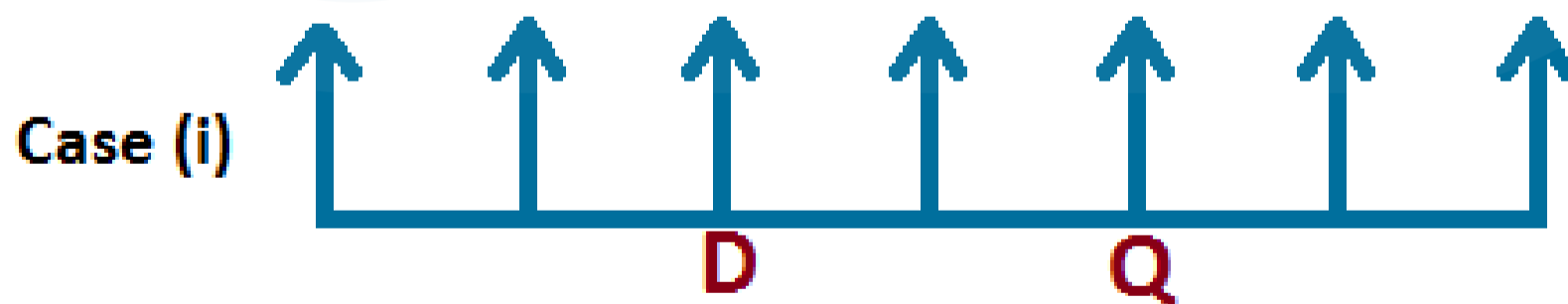
Case (i)

D   Q

Case (ii)

20

G   D   Q

P sits 4th to the left of the one who is 35 years old. Q is not 35 years old.

20   35   35

G   P   D   Q

Total age of immediate neighbours of D is 75 years.

20   40   35   35

G   P   D   Q

J is 30 years old. So, J will be immediate right of P.

20   30   40   35   25

```
 20      30  40      35  35
 ↑   ↑   ↑   ↑   ↑   ↑   ↑
 G   P   J       D       Q
```

U sits to the right of L, who sits immediate to the left of the one who is 25 years old.So, the person who is immediate right of L is 25 years old.

```
 20      30  40  25  35  35
 ↑   ↑   ↑   ↑   ↑   ↑   ↑
 G   P   J   L   D   U   Q
```

P is 20 year older than one of his immediate neighbours. There is no chance that P is having 40 years age as already L is having 40 years age.P's age is 20 years more than the age of his immediate right J (30 years) .So the age of P will be 50 years.

```
 20  50  30  40  25  35
 ↑   ↑   ↑   ↑   ↑   ↑   ↑
 G   P   J   L   D   U   Q
```

Q is 5 year younger than P.So, the final arrangement as shown below,

```
 20  50  30  40  25  35  45
 ↑   ↑   ↑   ↑   ↑   ↑   ↑
 G   P   J   L   D   U   Q
```

The number of persons sit between L and Q is 2.

The number of persons sit between P and **D** is also 2.

Therefore answer option is (A).
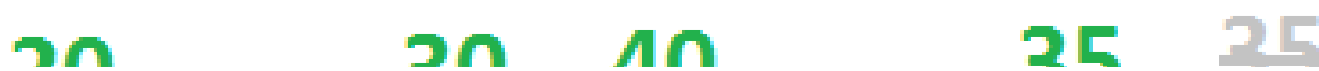
2. **Study the following information carefully and answer the question given below.**

A certain number of persons sit in a row facing to the north direction. L sits 3rd to the left of M. Five persons sit between M and N. J sits immediate to the right of M. Three persons sit between Q and J. Q does not sit next to N. N is 7th from one of the ends. The number of persons sit to the right of Q is four more than the persons who sit to the left of N. K sits 2nd from one of the ends and sit to the right of M.

A. **How many persons sit in the above arrangement?**

| A | 25 |

| B | 26 |

| C | **28** |

| D | 24 |

| E | None of these |

Solution

A certain number of persons sit in a row facing to the north direction. L sits 3rd to the left of M. Five persons sit between M and N. J sits immediate to the right of M.So, we will get 2 possibility cases as shown below,

Case (i)

L   M   J   N

Case (ii)

N   L   M   J

Three persons sit between Q and J.

Case (i)

L   M   J   Q   N

Case (ii)

N   L   M   J   Q

Q does not sit next to N and N is 7th from one of the ends. So, case (i) is eliminated.

Case (i)

L   M   J   Q   N

Case (ii)

N   L   M   J   Q

The number of persons sit to the right of Q is four more than the persons

who sit to the left of N.So, there will be 10 persons to the right of Q as there are 6 persons to the left of N.

Case (ii)

K sits 2nd from one of the ends and sit to the right of M. The final arrangement as shown below,

There are **28 persons** in the row.

Therefore answer option is (C).

B. **What is the position of L with respect to Q?**

A   8th to the right

B   **8th to the left**

C   6th to the right

D   5th to the left
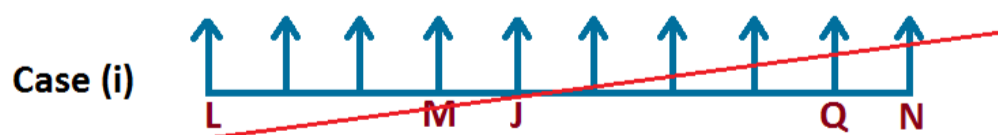
E   None of these

Solution

A certain number of persons sit in a row facing to the north direction. L sits 3rd to the left of M. Five persons sit between M and N. J sits

immediate to the right of M.So, we will get 2 possibility cases as shown below,

Case (i)

L   M   J   N
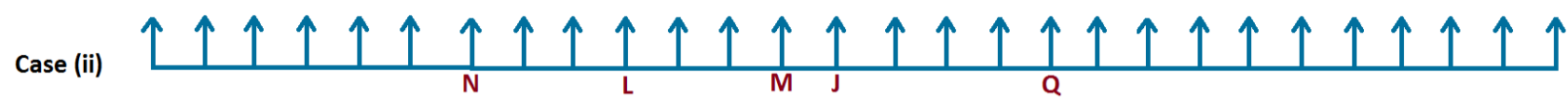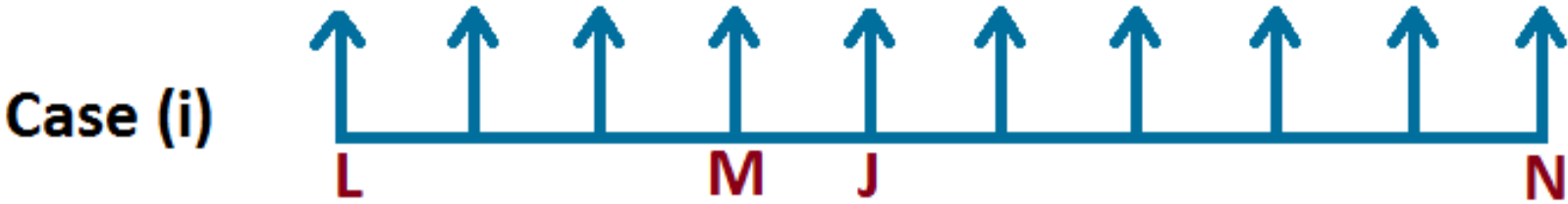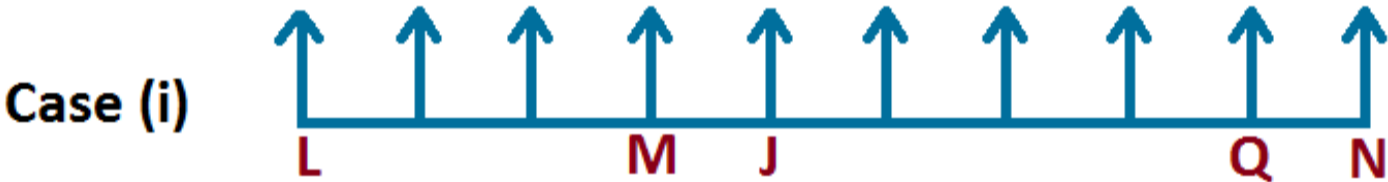
Case (ii)

N   L   M   J

Three persons sit between Q and J.

Case (i)

L   M   J   Q   N

Case (ii)

N   L   M   J   Q

Q does not sit next to N and N is 7th from one of the ends. So, case (i) is eliminated.

Case (i)

L   M   J   Q   N

Case (ii)

N   L   M   J   Q

The number of persons sit to the right of Q is four more than the persons

who sit to the left of N.So, there will be 10 persons to the right of Q as there are 6 persons to the left of N.

Case (ii)

K sits 2nd from one of the ends and sit to the right of M. The final arrangement as shown below,

L is 8th to the left of Q.

Therefore answer option is (B).

C. **How many persons sit to the right of the one, who sits immediate left**

of J?

A   Ten

B   Seven

C   **None of these**

D   Eight

E   Eleven

Solution

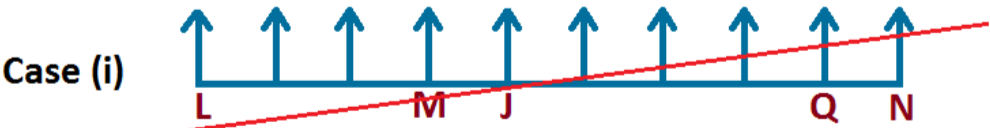A certain number of persons sit in a row facing to the north direction. L sits 3rd to the left of M. Five persons sit between M and N. J sits immediate to the right of M.So, we will get 2 possibility cases as shown below,
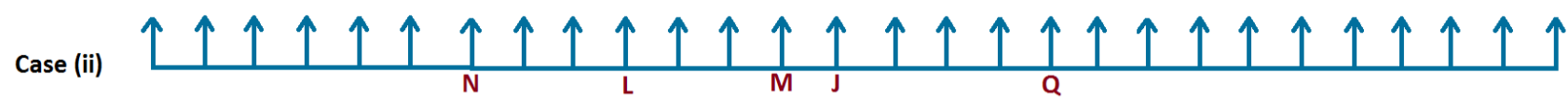
Case (i)

L   M   J   N

Case (ii)

N   L   M   J

Three persons sit between Q and J.

Case (i)

L   M   J   Q   N

Case (ii)

N   L   M   J   Q

Q does not sit next to N and N is 7th from one of the ends. So, case (i) is eliminated.

Case (i)

L   M   J   Q   N

Case (ii)

N   L   M   J   Q

The number of persons sit to the right of Q is four more than the persons

who sit to the left of N.So, there will be 10 persons to the right of Q as there are 6 persons to the left of N.

Case (ii)

N   L   M   J   Q

K sits 2nd from one of the ends and sit to the right of M. The final arrangement as shown below,

N   L   M   J   Q   K
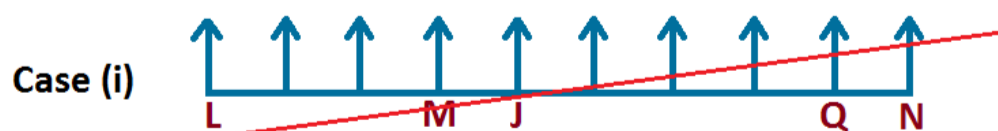
There are 15 persons to the right of the one who is immediate left of J. As there is no option having 15.So **None of these** is correct option.

Therefore answer option is (C).

D. **How many persons sit between L and J?**

A   Five

B   None of these

C   Seven

D   Four

E   **Three**

Solution

A certain number of persons sit in a row facing to the north direction. L sits 3rd to the left of M. Five persons sit between M and N. J sits immediate to the right of M.So, we will get 2 possibility cases as shown below,
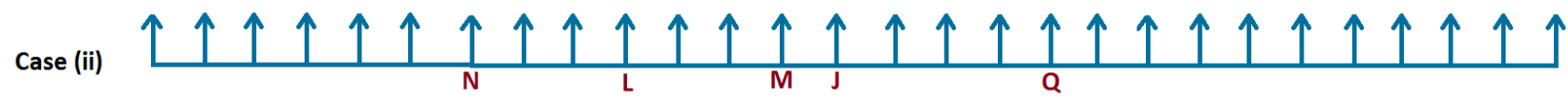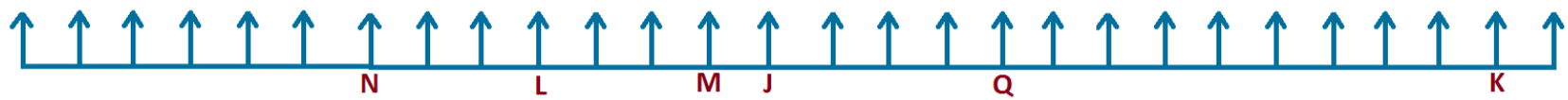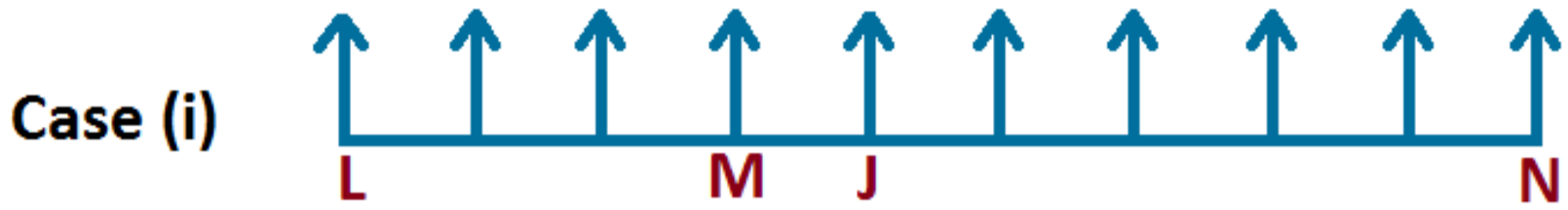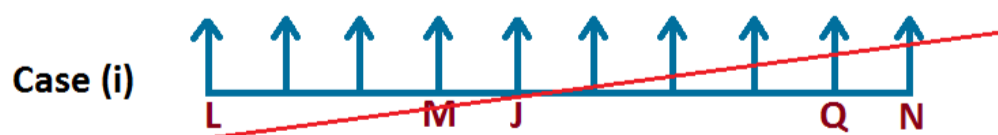
Case (i)
L   M J   N

Case (ii)
N   L   M J

Three persons sit between Q and J.

Case (i)
L   M J   Q   N

Case (ii)
N   L   M J   Q

Q does not sit next to N and N is 7th from one of the ends. So, case (i) is eliminated.

Case (i)
L   M J   Q   N

Case (ii)
N   L   M J   Q

The number of persons sit to the right of Q is four more than the persons

who sit to the left of N.So, there will be 10 persons to the right of Q as there are 6 persons to the left of N.

Case (ii)

K sits 2nd from one of the ends and sit to the right of M. The final arrangement as shown below,

There are **Three** persons sit between L and J.

Therefore answer option is (E).

E. **If two persons sit between X and N, then what is the position of X**

with respect to L?

A   4th to the left
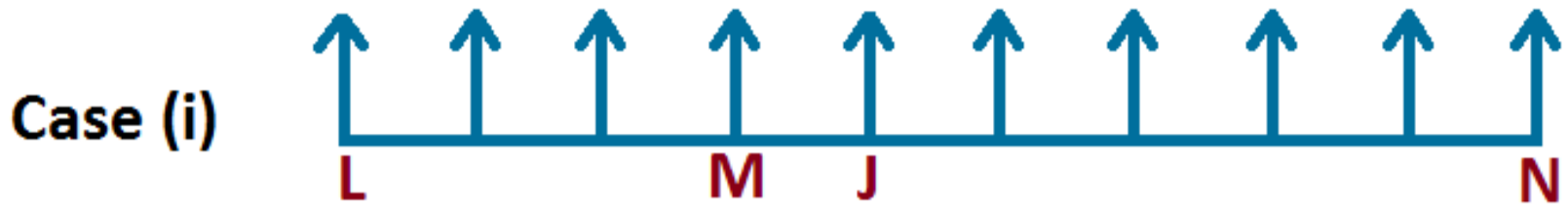
B   **6th to the left**

C   5th to the right

D   3rd to the left
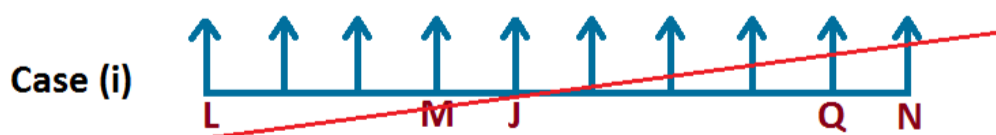
E   7th to the left

Solution

A certain number of persons sit in a row facing to the north direction. L sits 3rd to the left of M. Five persons sit between M and N. J sits immediate to the right of M.So, we will get 2 possibility cases as shown below,
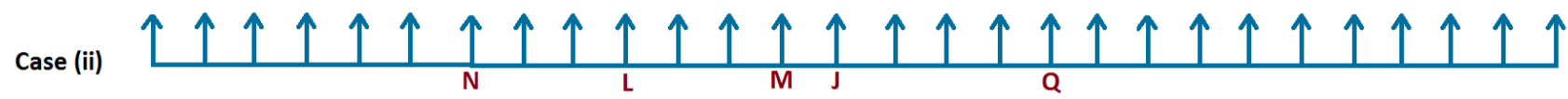
Case (i)

L M J N

Case (ii)

N L M J

Three persons sit between Q and J.

Case (i)

L M J Q N

Case (ii)

N L M J Q

Q does not sit next to N and N is 7th from one of the ends. So, case (i) is eliminated.
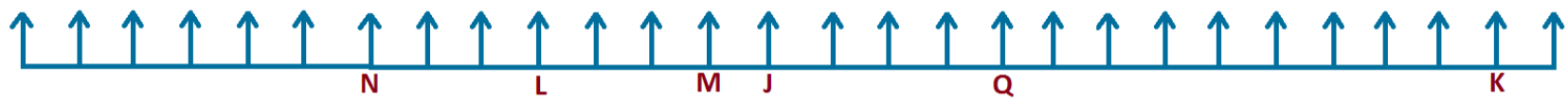
Case (i)

L M J Q N

Case (ii)

N L M J Q

The number of persons sit to the right of Q is four more than the persons

who sit to the left of N.So, there will be 10 persons to the right of Q as there are 6 persons to the left of N.

Case (ii)

N L M J Q

K sits 2nd from one of the ends and sit to the right of M. The final arrangement as shown below,

N L M J Q   K

If two persons are between N and X then X will be 6th to the left of L.

X N L M J Q   K

Therefore answer option is (B).