

B 6- Seating Arrangement Quiz



Directions (1-5): Study the following information carefully and answer the question given below: Eight persons viz. M, N, P, Q, R, S, T and U are sitting in a row and they all are facing north. Each one of them has a different ages viz. 24, 26, 27, 29, 31, 33, 36 and 41 years, but not necessarily in the same order.

U is not immediate neighbour of the one who is 26 years old. Neither R nor Q is the immediate neighbour of P. Q sits immediate next to neither R nor the person whose age is 41yr. The one whose age is 29yr sits third to the left of U. There are three persons sitting between N and the one whose age is 26yr. Q sits to the immediate left of the person whose age is 24yr. The age difference of immediate neighbours of M is 2yr. There are two persons between one whose age is 29yr and one whose age is 33yr. There are four persons between the oldest one and R. N sits at one of the extreme ends of the row. R is of neither 31 nor 36yr old. S sits to the right of N. The oldest person among them, is immediately neighbour of the one who is second youngest among them.

Question 1.

Who among the following persons is 36yr old?

- a) S
- b) P
- c) U
- d) T
- e) None of these

Question 2.

If Q is related to 26yr in the same way as R is related to 33yr, then which of the following is S related to, following the same pattern?

- a) 29yr
- b) 27yr
- c) 31yr
- d) 41yr
- e) None of these

Question 3.

Who sits second to the left of P?

- a) M
- b) T
- c) Q
- d) S
- e) None of these

Question 4.

How many persons sits between the person whose age is 41yr and T?

- a) Four
- b) None
- c) Three
- d) One
- e) Can't say

Question 5.

What is the age difference of S's immediate neighbours?

- a) Three
- b) Seven
- c) Five
- d) Can't say
- e) None of these

Solution:

Persons: M, N, U, P, Q, R, S and T.

Ages = 24, 26, 27, 29, 31, 33, 36 and 41 year.

1) N sits at one of the extreme ends of the row.

2) S sits to the right of N.

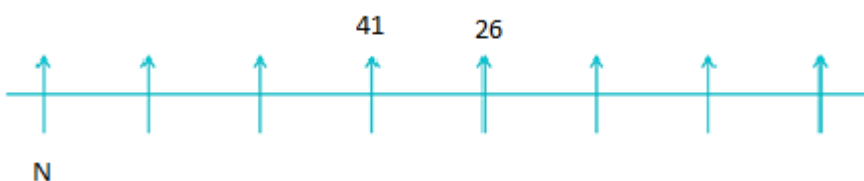
3) There are three persons sitting between N and the one whose age is 26yr.

4) The oldest person among them, is immediate neighbour of the one who is second youngest among them.

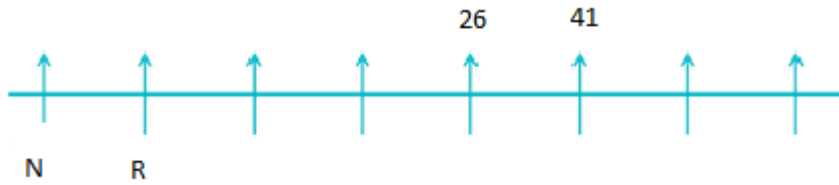
Case I:



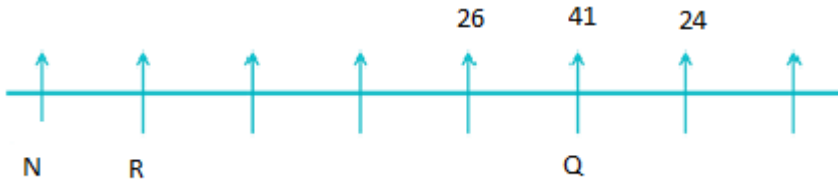
Case II:



5) There are four persons between the oldest one and R.



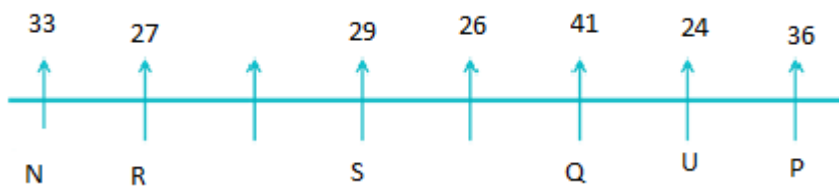
- 6) Q sits to the immediate left of the person whose age is 24yr.
- 7) Q sits immediate next to neither R nor to the person whose age is 41yr.



- 8) The one whose age is 29yr sits third to the left of U. U is not immediate neighbour of the one who is 26 years old.
- 9) There are two persons between one whose age is 29yr and one whose age is 33yr.



- 10) R is of neither 31 nor 36yr old.
- 11) The age difference of immediate neighbours of M is 2yr.
- 12) Neither R nor Q is the immediate neighbour of P.



Thus, we got the final arrangement



Ans 1: b

Solution:

P is 36yr old.

Ans 2: c

Solution:

S related to 31yr, following the same pattern.

Ans 3: c

Solution:

Q sits second to the left of P.

Ans 4: b

Solution:

No body sits between the person whose age is 41yr and T.

Ans 5: c

Solution:

The age difference of S's immediate neighbours is five.



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