Seating Arrangement Questions Overview

Seating Arrangement Questions have a good weightage in the Banking Exam and the type of question asked in Banking exam is similar to the question mentioned below. It has been solved and explained by Gargi.ai Experts and they have tried to elaborate the concept used in Seating Arrangement Questions.

Seating Arrangement Questions

Direction: Read the given information carefully and answer the questions. 7 people are sitting around a circular table, all are facing inside. They are P, Q, R, S, T, U, and V whose ages are 2, 3, 4, 5, 7, 9, and 12. People with ages as their multiple factors are not sitting together. The age of S is an even number and is sitting between U and V. Ages of U and V are 9 and 7 respectively. U and R do not sit together. The age of R is 3 and is sitting third to the right of S. P whose age is 4 is an immediate neighbor of U. T and Q are immediate neighbors. T sits third to the left of U. V is between S and T. Age of T is a multiple of 3 and 2 both. The age of Q is 2 years more than R.

Question

Four of the five given options are similar in a certain way and hence form a group. Find the option which does not belong to that group.

Difficulty : Moderate   **Average Time : 71 Seconds**

Options :
1. T
2. Q
3. S
4. V
5. R

Solution

The correct answer is **Option 1** i.e, **T**

(1) S sits between U and V.

(Here, we will have 2 cases i.e. Case 1 and Case 2)

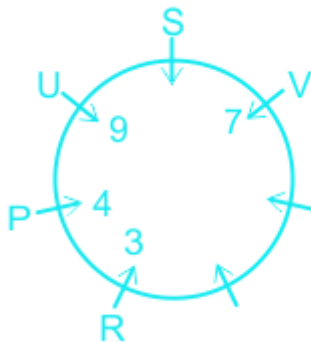(2) Ages of U and V are 9 and 7 respectively.

(3) U and R do not sit together.
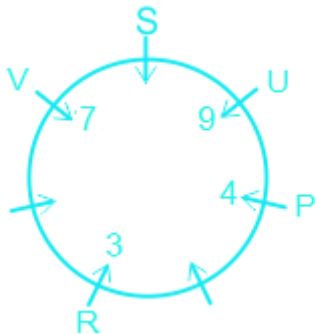
(4) R sits third to the right of S.

(5) Age of R is 3.

(6) Age of P is 4.

(7) P is an immediate neighbor of U

Case 1:

Case 2:

(8) Age of T is a multiple of 3 and 2 both. (This means the age of T is 12 years).

(9) T and Q are immediate neighbors.
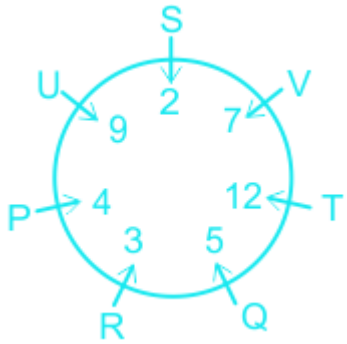
(10) T sits third to the left of U.

(11) V is between S and T.

(12) Age of S is an even number. (This means S is 2 years old)

(13) Age of Q is 2 years more than R. (Since R is 3 years old, Q's age will be 5 years)

Case 1:

The age of all the persons except T is a prime number. T is odd.

Hence, the correct answer is **T.**