

Puzzle Test

REASONING WORKBOOK

In such type of problems a puzzle consisting of sufficient information is provided. One or more questions are based upon this puzzle. To answer these questions, a student is required to solve the puzzle. The puzzle would consist of problems like

- Placing/Sitting Arrangement
- Sequential Order
- Classification etc.

HOW TO SOLVE PROBLEMS

To solve a puzzle, a candidate is required to analyse the given information. One should make a table or figure or sequence as per given data.

EXAMPLE

There are five friends A, B, C, D and E. D is not as tall as A. A is taller than C but shorter than B. E is shorter than C. No two are equal in height. Who is the tallest?

- (a) A (b) B (c) C (d) D

Explanation (b):

D is not as tall as A $\Rightarrow D < A$

A is taller than C but shorter than B $\Rightarrow C < A < B$

E is shorter than C $\Rightarrow E < C$

Combining last two statements, we get $E < C < A < B$

Combining this last result and the first statement, we get all possible cases as given below:

(i) $E < C < D < A < B$

(ii) $E < D < C < A < B$

(iii) $D < E < C < A < B$

In each case, B is the tallest one.