

2 AIEEE 2003

MCQ (Single Correct Answer)

The median of a set of 9 distinct observations is 20.5. If each of the largest 4 observations of the set is increased by 2, then the median of the new set

- A** is increased by 2
- B** is decreased by 2
- C** is two times the original median

D remains the same as that of the original set

Explanation

Here total no of observation is 9 which is a odd number. As we know for odd number 9 the median will be the 5th term.

Now question says, you increase last 4 number by 2 which does not affect the 5th term so the new median will be the same.