



GMAT

Quant Section Test [MEAN, MEDIAN AND MODE] - Questions

1. If 7 consecutive integers are listed in ascending order, what is the mean of the 7 digits?
 - (1) Average of the first 5 digits is 7.
 - (2) Average of last 5 digits is 9.
 - A. Statement 1 alone is sufficient but statement 2 alone is not sufficient to answer the question asked.
 - B. Statement 2 alone is sufficient but statement 1 alone is not sufficient to answer the question asked.
 - C. Both statements 1 and 2 together are sufficient to answer the question but neither statement is sufficient alone.
 - D. Each statement alone is sufficient to answer the question.
 - E. Statements 1 and 2 are not sufficient to answer the question asked and additional data is needed to answer the statements.

2. Set S consists of the following unique integers: -2, 17, 3, n, 2, 15, -3, and -27; which of the following could be the median of set S?
 - A. 1
 - B. 9
 - C. 14
 - D. 17
 - E. It Cannot Be Determined

3. Is 'y' the median of 3 numbers x, y, and z?
 - (1) $y/x = z/y$
 - (2) $xy < 0$
 - A. Statement 1 alone is sufficient but statement 2 alone is not sufficient to answer the question asked.
 - B. Statement 2 alone is sufficient but statement 1 alone is not sufficient to answer the question asked.
 - C. Both statements 1 and 2 together are sufficient to answer the question but neither statement is sufficient alone.
 - D. Each statement alone is sufficient to answer the question.
 - E. Statements 1 and 2 are not sufficient to answer the question asked and additional data is needed to answer the statements.

4. List S is comprised of six distinct positive integers less than or equal to 10. Which of the following must be true?
 - I. Median is an integer
 - II. Median is lesser than the average.
 - III. List S does not have a mode.
 - A. I only
 - B. I and II
 - C. II and III
 - D. III only
 - E. None of the above

5. Three classes say A, B, C takes up a quant test and their average scores are recorded. The average scores of A, B and C are 83, 76 and 85 respectively. What is the average score of all the three classes?
- (1) The average score of all students in classes A and B together is 79.
(2) The average score of all students in classes B and C together is 81.
- A. Statement 1 alone is sufficient but statement 2 alone is not sufficient to answer the question asked.
B. Statement 2 alone is sufficient but statement 1 alone is not sufficient to answer the question asked.
C. Both statements 1 and 2 together are sufficient to answer the question but neither statement is sufficient alone.
D. Each statement alone is sufficient to answer the question.
E. Statements 1 and 2 are not sufficient to answer the question asked and additional data is needed to answer the statements.

BYJU'S - GMAT

Plot No.23, Indraprastha Equinox, 100 Feet Rd, Venkappa Garden,
Koramangala, Bengaluru, Karnataka 56009

☎ 088845 44444 ✉ gmt@byjus.com 🌐 <https://byjus.com/gmat>

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