Print Code:_____

MA 110 Quiz 10 Answers

Multiple Choice. Choose the one alternative that best completes the statement or answers the question. Put the **letter** of your answer in the box provided.

Table 1.1

Table 1.1 is a frequency table of scores of a group of students on a 10-point mathematics quiz.

Quiz Score	2	3	4	5	6	7	8	9	10
Number of Students	1	1	3	4	7	6	5	2	1
Running Total	1	2	5	9	16	22	27	29	30

E

1. The total number of students taking the quiz is
   a. 189
   b. 159
   c. 100
   d. 54
   e. 30
   f. 25
   g. 10
   h. 9

C

2. The average score on the quiz is
   a. 7.5
   b. 7
   c. 6.3
   d. 6.36
   e. 6.5
   f. 6
   g. 5
   h. 2.16

   Sum of scores /number = 189/30 = 6.3

B

3. The median score on the quiz is
   a. 5
   b. 6
   c. 6.3
   d. 6.36
   e. 6.5
   f. 7
   g. 12.5
   h. 15

   Position = 30/2 → between 15th and 16th
   Median = 6

C

4. The first quartile on the quiz is
   a. 4
   b. 4.5
   c. 5
   d. 5.5
   e. 6
   f. 6.25
   g. 6.5
   h. 7
   i. 7.5
   j. 8

   Position = |^30/4 = 8th from bottom
   $Q_1 = 5$