QUESTION BANK: GRADE: 7

SUBJECT: MATHEMATICS

CHAPTER 3: DATA HANDLING

A. Choose the correct answer

1. Median of the data 13,16,12,14,19,12,14,13,14 is _____ .
    a. 1 4   b. 19   c. 12   d. 13
2. Mode and median of the data 13,16,12,14,19,12,14,13,14 are:
    a. 13 & 1 4   b. 14 & 13   c. 14 & 14   d. 19 & 13
3. Ashish studies for 4 hours, 5 hours and 3 hours respectively on three consecutive days. How many hours does he study daily on an average?
    a. 5   b. 9   c. 6   d. 4

B. Following 3 questions carry 2 marks each.

1. . Following data gives total marks (out of 600) obtained by six children of a particular class. Represent the data on a bar graph.

Students	Ajay	Bali	Dipti	Geetika	Hari	Faiyaz
Marks Obtained	450	500	300	360	400	540

2. . The scores in mathematics test (out of 25) of 15 students is as follows:
    19, 25, 23, 20, 9, 20, 15, 10, 5, 16, 25, 20, 24, 12, 20
    Find the mode and median of this data. Are they same?

3. A cricketer scores the following runs in eight innings: 58, 76, 40, 35, 46, 45, 0, 100.
    Find the mean score.

C. Following 2 questions carry 3 marks each.

1. . The marks (out of 100) obtained by a group of students in a science test are
    85, 76, 90, 85, 39, 48, 56, 95, 81 and 75.
    Find the: (i) Highest and the lowest marks obtained by the students.
    (ii) Range of the marks obtained.
    (iii) Mean marks obtained by the group.

2. Complete the table of test scores of three students:

Name	Test 1	Test 2	Test 3	Test 4	Test 5	Test 6	Test 7	Mean	Median	Mode
Aman	79	81	89	81	78	82	84			

ANSWER KEY: A. 1. a 2. c 3. d   B. 20, 20, YES

C. 1. (I) 95, 39 (II) 56 (III) 73   2. 82, 81, 81