**MATHS ASSIGNMENT – 3**

 **DATA HANDLING**

 **STD. VII**

1. Find the MODE of the experience ( in years) of the teachers in a school which is given as follows :

 12, 5, 4, 7, 6, 7, 4, 2, 7, 1, 2, 3, 10, 4, 7, 5, 4

2. What is the MEAN of 12, 22, 32, 42, 52, 62, 72

3. Find the MEDIAN of the salary of the following workers ( in Rs)

 560, 890, 121, 380, 700, 980, 720, 700

4. The Bar Graph shows the result of Maths test conducted in a class :

 PASSING MARKS = 70

1. Find Mean score
2. Draw Frequency table
3. Find the score received by the maximum number of students ?
4. How many students failed Maths test ?

5. If there are 17 items in a set of data arranged in an order, then the Median will be the 9th item. Is it true or false ?

6. The following marks were obtained by the students in a Spelling Test (out of 10) :

 10, 3, 9, 7, 4, 6, 9, 5, 8, 9, 7, 8, 10, 6, 8, 9, 7, 3, 5, 7, 5, 6, 8, 9, 6, 7, 10, 8, 6, 8, 9, 7, 5, 10, 3, 6, 9, 5, 7

 a) Draw a Frequency Table of the data.

 b) Find the Mode of the score.

 c) Draw a Bar Graph of the data

7. The Graph below compares the heights( in cm) and the weights ( in kg) of various animals :

. a) Find the ratio of height to weight of Giraffe ?

 b) Which animal is the heaviest ?

 c) Find the Range of the data.

 d) Find the ratio of the height of the tallest animal and the shortest animal ?