**MATHS ASSIGNMENT**

**DATA HANDLING**

**STD. VI**

1. The following table shows the marks secured by Sumit in annual examinations :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| SUB | ENG | MATHS | SCIENCE | HINDI | S.ST. | PUNJABI |
| MARKS | 50 | 80 | 56 | 60 | 40 | 70 |

Draw a bar graph of the above data

2. The graph below shows the population(in lakhs) in 5 major cities :

1. Which city has the maximum population ?
2. How many cities have crossed the mark of 50 lakh of population ?
3. Which is the least populated city ?
4. What is the scale of the graph ?

3. Construct a frequency table by using tally marks for the data given below :

4, 6, 1, 9, 4, 2, 9, 6, 5, 9, 3, 9, 1, 8, 3, 4, 1, 9, 3, 7

4. Draw a pictograph for the mode of travelling to a school by the students

( Use Symbol □ = 10 students)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Mode of travelling | School van | Bicycle | Car | On foot |
| No. of students | 100 | 40 | 60 | 30 |

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 Mathstest ?

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 number of students arriving late in school during two weeks was reported as follows :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Days | Mon | Tues | Wed | Thurs | Fri | Sat |
| Week 1 | 4 | 5 | 3 | 2 | 5 | 3 |
| Week 2 | 6 | 3 | 4 | 2 | 2 | 3 |