



INDIAN SCHOOL DARSAIT

DEPARTMENT OF MATHEMATICS



Subject : Mathematics Topic : Data Handling Date of Worksheet :4/09/2018

Resource Person: Mrs V M Vandana

Date : 10/9/2019

Name of the Student : _____ Class & Division : _VI_ Roll Number : __

S.No.	Section A(Basic Skills)	Marks
1	<p>Fill in the blanks:</p> <p>a) ----- is the collection of numbers or numerical facts with regard to a particular type of information</p> <p>b) The numerical data recorded in its original form is called -----</p> <p>c) The number of times a particular observation occurs in the given data is called its-----</p> <p>d) Arranging the data in the form of a table is called -----</p>	1
2	<p>The weight of newborn babies (in kg wt.)in a hospital on a particular day care is as follows:</p> <p>2.3, 2.2, 2.1, 2.7, 2.6, 3.0, 2.5, 2.9, 2.8, 3.1, 2.5, 2.8, 2.7, 2.9, 2.4</p> <p>a) Rearrange the weight in order</p> <p>b) Prepare a frequency distribution table</p> <p>c) Determine the highest weight</p> <p>d) Determine the lowest weight</p> <p>e) How many babies were born on that day?</p> <p>f) How many babies weighted below 2.5 kg wt?</p> <p>g) How many babies weighted more than 2.8 kg wt?</p> <p>h) How many babies weighted 2.8 kg wt?</p>	1
3	<p>In the library of a school, , books of various subjects are as below:</p> <p>English – 100 History – 500 Mathematics – 200 Science – 300</p> <p>Draw the pictograph of the above numerical data. Find the information on the basis of answers to the given questions</p>	1

	<p>a) How many books are there in the library?</p> <p>b) On which subject maximum number of books available?</p> <p>c) On which subject minimum number of books available?</p>	
	Section B	
4	<p>The number of matchsticks in 50 boxes are given below:</p> <p>45 47 48 50 50 51 52 51 49 45</p> <p>52 53 50 53 54 48 52 54 53 50</p> <p>50 55 54 51 47 49 53 48 51 51</p> <p>51 48 55 52 53 53 47 51 55 52</p> <p>46 53 49 51 48 54 50 55 52 47</p> <p>a) Prepare a frequency distribution of data.</p> <p>b) How many boxes have less than 50 matchsticks?</p> <p>c) How many boxes have more than or equal to 50 matchsticks?</p> <p>d) What is the highest number of matchsticks in any box?</p> <p>e) What is the number of matchsticks that is found in the maximum number of boxes?</p>	2

5 The pictograph shows the number of toys sold during the days of a week from a toy shop. Give the following information regarding sale of toys. 2



 One  represents 10 toys.

- (i) Find the number of toys sold on each day of the week.
- (ii) Find the number of toys sold during the week.
- (iii) On which day were the maximum numbers of toys sold?
- (iv) On which day were the minimum numbers of toys sold?
- (v) What is the difference in number of toys sold on Saturday and Tuesday?

Section C(Hot Questions)

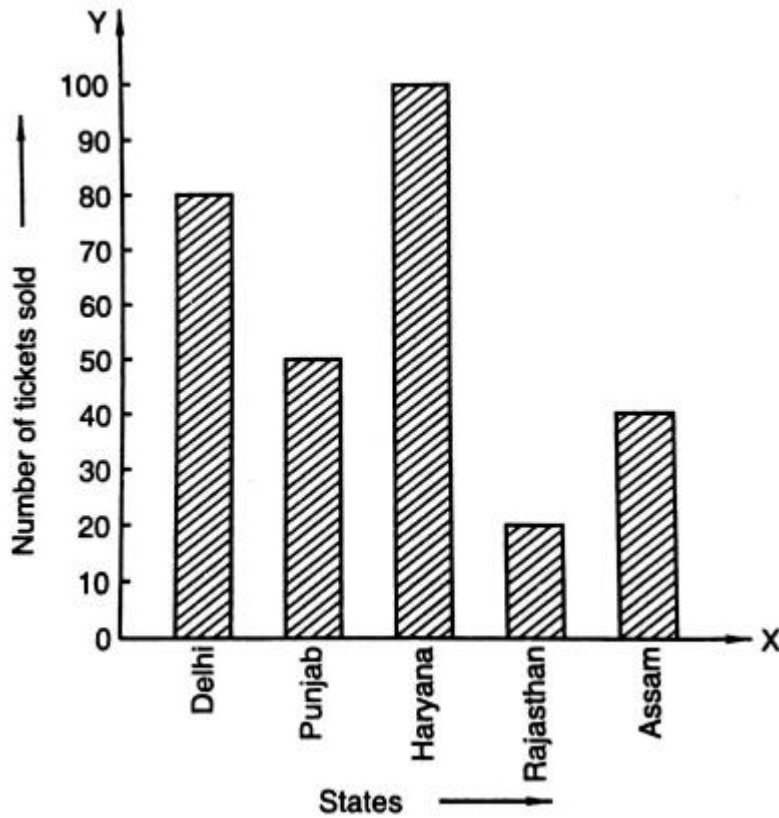
6. The number of absentees in class VIII was recorded in a particular week. Represent this data on the bar graph 3

Days	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Number of Absentees	130	120	135	130	150	80

- (a) On which day the maximum and minimum students were absent?
 (b) How many students were absent on Wednesday and Friday?
 (c) On which days the same number of students was absent?

7. Read the bar graph shown in Figure and answer the following question:

3



- (i) What is the information given by the bar graph?
 (ii) How many tickets of Assam States Lottery were sold by the agent?
 (iii) Of which state, where the maximum number of tickets sold?
 (iv) State whether true or false
 The maximum number of tickets sold is three times the minimum number of tickets sold
 (v) Of which states were the minimum number of tickets sold.