

PRACTICE PAPER

CBSE-7th

Subject: - Mathematics

Topic: - BAR GRAPHS

1. Two hundred students of class VI and VII were asked to name their favourite colours so as to decide upon what should be the colour of their school house. The results are shown in the following table.

Colours	Red	Green	Blue	Yellow	Orange
No. of Students	43	19	55	49	34

Represent the given data on a bar graph: -

- Which is the most preferred colour and which is the least?
- How many colours are there in all?

2. Numbers of children in six different classes are given below. Represent the data on a bar graph.

Class	V	VI	VII	VIII	IX	X
No. of Children	135	120	95	100	90	80

- How do you choose the scale.
- Which class has the maximum no. of children?
- Which class has the minimum no. of children?

3. Consider the following data gathered from survey of a colony: -

Favourite Sports	Cricket	Basket Ball	Swimming	Hockey	Athletics
Watching	1240	470	510	423	250
Participating	620	320	320	250	105

Draw a double bar graph choosing an appropriate scale. What do you infer from the bar graph?

- Which sports is most popular?
- What is more preferred watching or participating in sports?

4. The production of saleable steel in some of the steel plants of our country during 1999 is given below: -

Plant	Bhilai	Durga Pur	Rourkela	Bokaro
Production (In thousand tonnes)	160	80	200	150

Construct a bar graph to represent the above data on a graph paper by using the scale 1 big division 20 thousand tonnes.

5. The following data gives the amount of manure (in thousand tonnes) manufactured by a company during some years.

Year	1992	1993	1994	1995	1996	1997
Manure (In thousand tonnes)	15	35	45	30	40	20

- Represent the above data with the help of a bar graph.
- Indicate with the help of the bar graph the year in which the amount of manure manufactured by the company was maximum.
- Choose the correct alternative: -

The consecutive years during which there was maximum decrease in manure production are: -

- 1994 and 1995
- 1992 and 1993
- 1996 and 1997
- 1995 and 1996