

PRACTICE QUESTIONS

CLASS - VI: CHAPTER - 9











































DATA HANDLING

1. Suryakant is asked to collect data for size of shoes of students in her Class VI. Her finding are recorded in the manner shown below :

5	4	7	5	6	7	6	5	6	6	5
4	5	6	8	7	4	6	5	6	4	6
5	7	6	7	5	7	6	4	8	7	

Find (i) the size of shoes worn by the maximum number of students. (ii) the size of shoes worn by the minimum number of students.






















2. Following is the pictograph of the number of Auto manufactured by a factory in a particular week.

Days	Number of Maruti Van manufactured	 = 300 Autos
Monday	      	
Tuesday	         	
Wednesday	    	
Thursday	     	
Friday	    	
Saturday	       	

























- (a) On which day were the least number of Auto manufactured?
 (b) On which day were the maximum number of Auto manufactured?
 (c) Find out the approximate number of Auto manufactured in the particular week?
3. Following table shows the number of bicycles manufactured in a factory during the years 1998 to 2002. Illustrate this data using a bar graph. Choose a scale of your choice.

Years	Number of bicycles manufactured
1998	800
1999	600
2000	900
2001	1100
2002	1200

- (a) In which year were the maximum number of bicycles manufactured?
 (b) In which year were the minimum number of bicycles manufactured?
4. The sale of electric bulbs on different days of a month is shown below. From the following above pictograph,
- (a) Find the number of electric bulb purchased for a lodging house during February
 (b) Find the number of electric bulb purchased for a lodging house during April
 (c) In which month the sale of electric bulb is least.
 (c) In which month the sale of electric bulb is maximum.










































Months	Number of Electric Bulb,  = 5 bulbs
January	    
February	     
March	   
April	    

5. Following is the pictograph of the number of Maruti Van manufactured by a factory in a particular week.

Days	Number of Maruti Van manufactured	 = 200 MarutiVan
Monday	    	
Tuesday	     	
Wednesday	  	
Thursday	 	
Friday	   	
Saturday	  	

- (a) On which day were the least number of Maruti Van manufactured?
 (b) On which day were the maximum number of Maruti Van manufactured?
 (c) Find out the approximate number of Maruti Van manufactured in the particular week?

6. In a village six fruit merchants sold the following number of fruit baskets in a particular season :

Name of fruit merchants	Number of fruit baskets	 - 100 Fruit baskets
Rahim	   	
Lakhanpal	     	
Anwar	      	
Martin	         	
Ranjit Singh	       	
Joseph	    	

Observe this pictograph and answer the following questions :

- (a) Which merchant sold the maximum number of baskets?
 (b) How many fruit baskets were sold by Anwar?
 (c) The merchants who have sold 600 or more number of baskets are planning to buy a godown for the next season. Can you name them?
7. Mohan threw a dice 40 times and noted the number appearing each time as shown below :

1	3	5	6	6	3	5	4	1	6
2	5	3	4	6	1	5	5	6	1
1	2	2	3	5	2	4	5	5	6
5	1	6	2	3	5	2	4	1	5

Make a table and enter the data using tally marks. Find the number that appeared.

- (a) The minimum number of times (b) The maximum number of times
 (c) Find those numbers that appear an equal number of times.

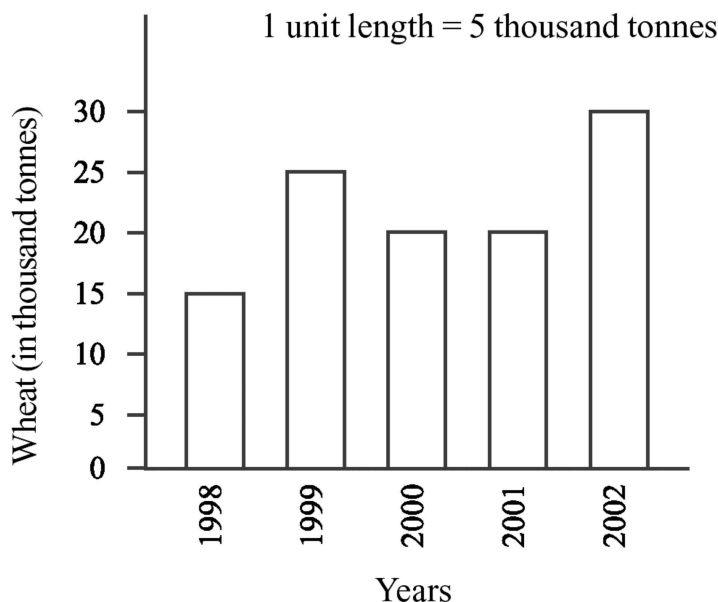
8. The following are the details of number of students present in a class of 30 during a week. Represent it by a pictograph.

Days	Number of students present
Monday	24
Tuesday	26
Wednesday	28
Thursday	30
Friday	29
Saturday	22

9. The following are the number of electric bulbs purchased for a lodging house during the first six months of a year. Represent the details by a pictograph.

Months	Number of bulbs
January	20
February	26
March	30
April	34
May	40
June	25

10. The bar graph given alongside shows the amount of wheat purchased by government during the year 1998-2002. Read the bar graph and write down your observations. In which year was (a) the wheat production maximum? (b) the wheat production minimum?



11. The number of Mathematics books sold by a shopkeeper on six consecutive days is shown below :

Days	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
Number of books sold	65	40	30	50	20	70

Draw a bar graph to represent the above information choosing the scale of your choice.

12. Number of persons in various age groups in a town is given in the following table.

Age group	1-14	15-29	30-44	45-59	60-74	75 and above
Number of persons	2 lakhs	1 lakh 60 thousands	1 lakh 20 thousands	1 lakh 20 thousands	80	40 thousands

Draw a bar graph to represent the above information and answer the following questions. (take 1 unit length = 20 thousands)

(a) Which two age groups have same population?

(b) All persons in the age group of 60 and above are called senior citizens. How many senior citizens are there in the town?

13. A survey of 120 school students was done to find which activity they prefer to do in their free time.

Preferred activity	Number of students
Playing	45
Reading story books	30
Watching TV	20
Listening to music	10
Painting	15

Draw a bar graph to illustrate the above data taking scale of 1 unit length = 5 students. Which activity is preferred by most of the students other than playing?

14. Following table representing choice of fruits made by his classmates. Draw a bar graph to represent the given information choosing the scale of your choice.

Name of fruits	Banana	Orange	Apple	Guava
Number of students	8	3	5	4

15. Total number of animals in five villages are as follows :

Village A : 80 Village B : 120 Village C : 90 Village D : 40 Village E : 60

Prepare a pictograph of these animals using one proper symbol to represent 10 animals and answer the following questions :

(a) How many symbols represent animals of village E?

(b) Which village has the maximum number of animals?

(c) Which village has more animals : village A or village C?

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