	CH.15 DATA THROUGH PICTURES
1	1. A pictograph uses _____ to represent data. (a) numbers (b) pictures (c) letters (d) lines 2. If one symbol represents 5 objects, how many objects do 4 symbols represent? (a) 9 (b) 15 (c) 20 (d) 25 3. Which graph uses vertical bars to show data? (a) Pictograph (b) Bar graph (c) Pie chart (d) Table 4. The vertical line in a bar graph shows: (a) objects (b) colours (c) scale (d) number 5. A bar graph is used to: (a) draw pictures (b) tell stories (c) compare data (d) write numbers 6. Which scale is better for large data? (a) 1 picture = 1 item (b) 1 picture = 10 items (c) no scale (d) random scale 7. Which is necessary in a bar graph? (a) scale (b) pictures (c) colours only (d) story 8. Data collected in numbers is called: (a) drawing (b) information (c) guessing (d) colouring
2	Observe the following pictograph which shows the number of ice cream cones sold by school canteen during a week. Choose the correct answer from the given four options: (i) **The minimum number of ice cream cones were sold on:** a) Monday b) Saturday c) Tuesday d) Thursday. **(ii) The maximum number of ice cream cones were sold on:** a) Tuesday b) Friday c) Wednesday d) Thursday

	(iii) 7 ice cream cones were sold on: a) Tuesday b) Friday c) Wednesday d) Thursday
3	Read the given pictograph and answer the following questions: a) What information does the pictograph give? b) How many students like Maths? c) How many students like English? d) Find the total number of students who like Science and Hindi? e) Find the total number of students in the class.
4	From a pond the following numbers of fishes were caught on different days. Represent this data through a pictograph. **(choose your own key)**

Days	Mon	Tues	Wed	Thurs	Fri
No. of fishes	500	750	400	650	500

5	Draw a bar graph to represent the marks obtained by Siddharth in Mid Term examination

Subject	**English**	**Hindi**	**Maths**	**Evs1**	**Evs2**
Marks	**50**	**70**	**60**	**80**	**40**

6	Draw a pictograph by choosing a proper scale for the following data:

Favourite Beverages	Tea	Coffee	Green Tea	Iced Tea	Cold Coffee
Number of People	21	18	3	6	12

7	Draw a bar graph to represent the number of students who took part in the various items of the talent show as part of the annual school gathering.

Programme	Theatre	Dance	Music	Poem recitation	Beat boxing
No. of students	40	100	80	60	70

8	The following information is about the different activities liked by the students of class IV Represent the given data using a pictograph.

Activity	Reading	Dancing	Music	Sports

Number of students:	10	12	8	6

Use the scale – 1 ▨ = 2 Students

| 9 | The number of trees planted in year 2001 are given below. Represent them using a bar graph |

Name of tree	Oak	Maple	Pine	Palm	Pear	Peccan
Number of trees	70	60	80	50	20	40

   a) Which trees were planted maximum in number?
   b) How many more maple trees were planted than pecan trees?