

St. Andrews Scots School

Adjacent Navniti Apartments,
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Session: 2025-26

Worksheet

Class: VI	Subject: Mathematics	Topic: Data Handling	Worksheet 20
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Q1. The total number of students of a school in different years is shown in the following table:

Year	2009	2010	2011	2012	2013	2014
No. of students	4000	5500	6500	3500	5000	4500

Prepare a pictograph using ☺ to represent 1000 students

Q2. A die was thrown 35 times and the following numbers were obtained:

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

Prepare a frequency table for the data.

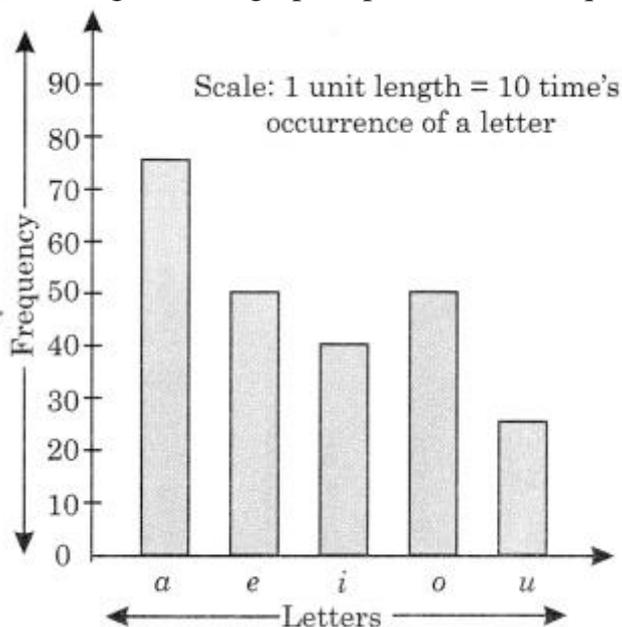
Q3. The result of a Mathematics test is as follows:

80, 90, 70, 80, 80, 60, 80, 70, 90, 65, 100, 60, 70, 60, 70, 85, 65, 70, 70, 85, 90, 60, 65, 80, 60

Make a frequency table for the above data and answer the following questions:

- What is the maximum marks obtained?
- How many students score less than 75 marks?
- How many students scored 80 marks or above?
- How many students appeared in the test?

Q4. The given bar graph represents the frequency of a, e, i, o, and u in a piece of English writing.



- Which letter occurred the maximum number of times?
- Which letter occurred 40 times?

(c) Which letter occurred less than 30 times?

(d) Write down the five letters in the decreasing order of frequencies.

Q5. Write a short note on the difference between horizontal bar graph and vertical bar graph.

Q6. Write the properties of Bar graph

Q7. What is tally marks?

Q8. Define frequency

Q9. Explain the difference between bar graph and pictograph

Q10. Explain how pictographs are used to represent data.