

INDIAN SCHOOL SOHAR
FORMATIVE ASSESSMENT – IV (2013-2014)
MATHEMATICS

STD: VI
22 – 01 -2014

Marks: 25
Time: 45 minutes

**Note: Do the calculations in the working column. Give necessary steps and formulae
Wherever required.**

SECTION A (Each question carries 1 mark)

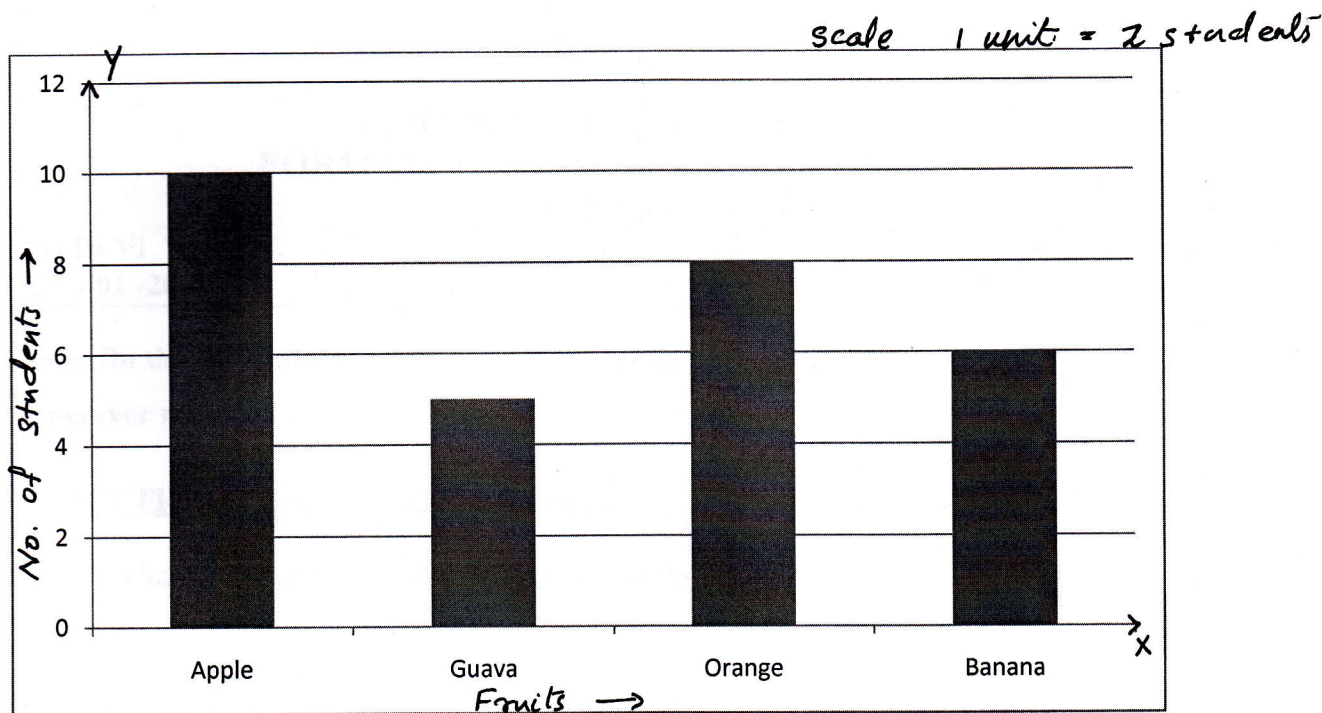
1. The perimeter of a regular octagon with side 2m. is _____.
(a) 16m. (b) 14m. (c) 16 sq. m. (d) 18cm.
2. Express 5kg 80g in kilo gram.
(a) 5.8kg. (b) 5.080kg. (c) 5.008kg. (d) 58kg.
3. A gardener counts variety of flowering plants in her garden. She marks
III III III III III for rose plants. How many rose plants are there ?
(a) 25 (b) 24 (c) 23 (d) 29

SECTION B (Each question carries 2 marks)

4. Arrange the following decimal numbers 8.3, 7.83, 8.73, 8.04 in descending order.
5. Find the perimeter of a square with 2m 25cm. (Express perimeter in metre.)
6. i) Add 27.8 and 46.
ii) Which is greater 1.725 or 1.007?
7. The area of a rectangle is 480 sq. metre. What is its width if its length is 120 metre?

SECTION C (Each carries 3 marks)

8. Muskan needs 23.25m cloth of red color. She could get only 15.75m. from the shop.
How much more cloth does she still need to buy?
9. In the Bar graph shown below, the likings of different fruits by students is shown.
Based on the information given in the graph, answer the questions.



- i) Which fruit is liked by most of the students?
- ii) How many students like Banana?
- iii) How many more students like Apple than Orange?

SECTION D (Each question carries 4 marks)

10. The following table shows the number of refrigerators sold in a showroom in 6 months.

Draw a Pictograph for above data using a suitable scale.

Month	March	April	May	June	July	August
Number of refrigerators	50	35	40	30	25	15

11. A boy runs 4 rounds around a square park with side 22m.

- i) Find total distance covered by him?
- ii) Find area of the square park and also find the total cost of cleaning the park if the cost of cleaning the park is Rs. 2 per sq. m.?

***** THE END *****