

INDIAN SCHOOL SOHAR
FORMATIVE ASSESSMENT – II (2015 – 2016)
MATHEMATICS

SET I

CLASS: VII

TIME: 40 MINUTES

DATE: /08/2015

MARKS: 20

Note:

Do the calculations in working column.

Give necessary formulae and steps wherever required.

SECTION A (Each question carries **1 mark**)

1. Choose the correct decimal form of $200 + 40 + 5 + \frac{0}{10} + \frac{4}{100} + \frac{7}{1000}$.
(b) 245.407 (b) 2450.47 (c) 24.504 (d) 245.047
2. The mode of the following data 72, , 85, 84, 80, 77, 73, 80, 84, 80 is
(b) 90 (b) 80 (c) 84 (d) 78.8
3. $36.7 \div 1000$ is
(b) 3.67 (b) 0.367 (c) 0.0367 (d) 367

SECTION B (Each question carries **2 marks**)

4. Nikhil spent Rs.725.50 for buying a shirt and Rs. 855.50 For trousers. Find the total Amount spent by Nikhil.
5. Find: (a) 0.4×0.04 (b) $2.25 \div 0.15$

SECTION C (Each question carries **3 marks**)

6. Marks obtained by the students in Science test are 90, 63, 86, 72, 83, 59, 91, 75, 70, 85.
(c) Find the Mean of marks. (b) Find the Median of marks.
7. A car covered a distance of 20km 500m in one litre of petrol. How much distance will it cover in 15 litres of petrol ? Also find the quantity of petrol required to cover 430km 500m.
8. A dice is thrown at random. Find the probability of getting (a) An even number.
(b) A prime number. (c) A number greater than 4.

SECTION D ($1 \times 4 = 4$)

9. In a survey carried out in a public school, equal number of boys and girls were asked to pick their favourite snacks from a list. The student's responses to the survey are listed in the following table.

Item	Chips	Chocolates	Ice cream	Sandwich
No. of girls	220	240	180	160
No. of boys	280	220	180	140

Draw a double bar graph and answer the following question:

- (a) Which snack food was preferred equally by both boys and girls?
