INDIAN SCHOOL SOHAR
FORMATIVE ASSESSMEMT 1   **Set 1**

MATHEMATICS

STD VII   **Marks : 25**
26-05-13   **Time   : 45min**

Note:
Do the calculations in the working column
Give necessary formulae and steps wherever required

SECTION A

Question numbers 1 to 3 carry 1mark each

1. The smallest integer is _____

A. 0   B. 1   C. −1   D. cannot be determined

2. Which of the following represents distributive property.

A. (a x b) x c = a x (b x c)   B. (a+b) x c = c x (a+b)
C. a x (b + c) = (a x b) + (a x c)   D. a + (−a) = 0

3. The reciprocal of $5\frac{2}{3}$ = _____

A. $\frac{1}{5} + \frac{3}{2}$ B. $5\frac{3}{2}$ C. $\frac{17}{3}$ D. $\frac{3}{17}$

SECTION B

Question numbers 4 to 7 carry 2marks each

4. Write a pair of integers with same signs whose sum is   −20

5. Solve using suitable property. Also mention the property used :   75 x (−130) + 75 x (−70)

6. Fill in the box.

i) $\dfrac{8}{2}$ x $\boxed{}$ = $\dfrac{72}{24}$

ii) The simplest form of the number obtained in $\boxed{}$ is _____

7. Write the place value of :
a) 7 in 16.075
b) 9 in 7.869

SECTION C

Question numbers 8 and 9 carry 3marks each

8. Ramdin sold 20 pens and 10 pencils.On every pen, he earned Rs (−2) and on every pencil he earned Rs 1 . Find his total earning in this transaction.

9. Ananya purchased $3\dfrac{1}{5}$ kg of brinjal, $2\dfrac{2}{3}$ kg of tomatoes and $2\dfrac{1}{6}$ kg of potatoes. Find the total weight of the vegetables bought by her.

SECTION D

Question numbers 10 and 11 carry 4marks each

10. Fill in the blanks.

i) (−17) ÷ _____ = not defined
ii) _____ ÷ 8 = −7
iii) _____ ÷(−67) = 1
iv) _____ ÷(−1) = 0

11. Weight of 16 Mathematics books of class VII is $10\dfrac{2}{3}$ .Find the weight of each book.

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