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INDIAN SCHOOL SOHAR
FORMATIVE ASSESSMENT 1

Set 2

MATHEMATICS

STD VII
26-05-13

Marks : 25
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 reciprocal of $5\frac{3}{2}$ = _____

A. $\frac{1}{5} + \frac{3}{2}$

B. $5\frac{2}{3}$

C. $\frac{13}{2}$

D. $\frac{2}{13}$

2. Which of the following represents distributive property.

A. $(a \times b) \times c = a \times (b \times c)$

B. $(a+b) \times c = c \times (a+b)$

C. $a \times (b + c) = (a \times b) + (a \times c)$

D. $a + (-a) = 0$

3. The smallest integer is _____

A. cannot be determined

B. -1

C. 1

D. 0

SECTION B

Question numbers 4 to 7 carry 2marks each

4. Write the place value of :

a) 7 in 16.075

b) 9 in 7.869

5. Write a pair of integers with same signs whose sum is -14

6. Solve using suitable property. Also mention the property used : $75 \times (-130) + 75 \times (-70)$

7. Fill in the box.

i) $\frac{2}{8} \times \square = \frac{24}{72}$

ii) The simplest form of the number obtained in \square is _____

SECTION C

Question numbers 8 and 9 carry 3marks each

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

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

SECTION D

Question numbers 10 and 11 carry 4marks each

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

11. Fill in the blanks.

i) $(-17) \div \underline{\hspace{2cm}} = \text{not defined}$

ii) $\underline{\hspace{2cm}} \div 5 = -7$

iii) $\underline{\hspace{2cm}} \div (-67) = -1$

iv) $\underline{\hspace{2cm}} \div (-3) = 0$

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