INDIAN SCHOOL SOHAR
FORMATIVE ASSESSMENT 1
MATHEMATICS

STD VIII   **Marks : 20**
05-05-14   **Time   : 45min**

General Instructions:
Do the calculations in the working column
Give necessary formulae and steps wherever required
This question paper consists of **9** questions divided into four sections **A** , **B** , **C** and **D**
Section A comprises of **3** questions of **1 mark** each
Section B comprises of **2** questions of **2 mark** each
Section C comprises of **3** questions of **3 mark** each
Section D comprises of **1** question of **4 mark**

SECTION A
Question numbers 1 to 3 carry 1mark each

1. Which of the following is the additive inverse $\frac{7}{8}$?

A) $\frac{-7}{8}$ B) $\frac{8}{7}$ C) $\frac{-8}{7}$ D) none of these

2. $\frac{1}{10} + 0 = 0 + \frac{1}{10} = \frac{1}{10}$ (Name the property.)
A) Distributive property   B) Additive inverse
C) Additive identity   D) Associative property

3. Which of the following is the solution of $4(z - 3) = 16$
A) 3   B) 5   C) 7   D) 9

SECTION B
Question numbers 4 and 5 carry 2marks each

4. The product of two rational numbers is $\frac{5}{6}$. If one of them is $\frac{-15}{16}$, find the other.

5. The sum of two numbers is 45 and their ratio is 7 : 8. Find the numbers

SECTION C
Question numbers 6 to 8 carry 3marks each

6. Find 5 rational numbers between $\frac{-1}{4}$ and $\frac{1}{6}$

7. The sum of 3 consecutive mulitples of 24 is 288. Find these numbers

8. Pradeep has in his pocket one-rupee, five-rupee and ten-rupee notes. The ratio of the number of these notes is 2:3:5 Find the number of notes of each denomination if he has a total of 70 notes.

SECTION D
Question number 9 carries 4marks

9. Solve: i) $5 + \frac{7}{6}y = \frac{3}{2}y - 4$

ii) $\frac{3}{4}(m - 9) = m$

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