

**INDIAN SCHOOL SOHAR**  
**FORMATIVE ASSESSMENT 1**  
**MATHEMATICS**

Set 2

**STD VIII**  
**05-05-14**

**Marks : 20**  
**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 reciprocal of  $\frac{7}{8}$  ?

A)  $\frac{-7}{8}$

B)  $\frac{8}{7}$

C)  $\frac{-8}{7}$

D) none of these

2.  $\frac{1}{10} + 0 = 0 + \frac{1}{10}$  (Name the property.)

A) Distributive property

B) Additive inverse

C) Additive identity

D) Commutative property

3. Which of the following is the solution of  $4(z + 3) = -16$ 

A) 3

B) 5

C) 7

D) -7

**SECTION B****Question numbers 4 and 5 carry 2marks each**4. The sum of two rational numbers is  $\frac{-7}{11}$ . If one of them is  $\frac{2}{5}$ , find the other.

5. The sum of two numbers the ratio 5:7 is 252. 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 multiples of 11 is 363. Find these numbers

8. Pradeep has three more five-rupee notes than ten-rupee notes. If he has in all a sum of Rs 195, how many notes of each denomination does he have?

**SECTION D****Question number 9 carries 4marks**

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

ii)  $\frac{-3}{4}(y - 10) = y$

\*\*\*\*\*THE END\*\*\*\*\*