ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

CLASS 8

SUBJECT :Arithmetic **Work sheet 3**

Marks:15 **Rational Numbers**

Date:23.1.2021

Answer all the following questions(1×15=15)

1. 1. What should be added to -5/4 to get -1?

I. -1/4

II. ¼

III. 1

IV. -3/4

2. What should be subtracted from -5/4 to get -1?

I. -1/4

II. ¼

III. 1

IV. -3/4

3. Which of the following is the identity element?

I. 1

II. -1

III. 0

IV. None of these

4. Which of the following is the Multiplicative identity for rational numbers?

I. 1

II. -1

III. 0

IV. None of these

5. Which of the following is neither appositive nor a negative rational number?

I. 1

II. 0

III. Such a rational number doesn't exist

IV. None of these

6. Which of the following lies between 0 and -1?

I. 0

II. -3

III. -2/3

IV. 4/3

7. Which of the following is the reciprocal of a?

I. a

II. 0

III. 1/a

IV. -1/a

8. Which of the following is the product of 7/8 and -4/21?

I. -1/6

II. 1/12

III. -16/63

IV. -147/16

9. Which of the following is the product of (-7/8) and 4/21?

I. -1/6

II. 12

III. -63/16

IV. -16/147

10. Which of the following is the reciprocal of the reciprocal of a rational number?

I. -1

II. 1

III. 0

IV. The number itself

11. An integer can be:

I. Only Positive

Ii Only Negative

III. Both positive and negative

IV. None of the above

12. A rational number can be represented in the form of:

I. p/q

II. pq

III. p+q

IV.p-q

13. The value of ½ x ⅗ is equal to:

I. ½

II. 3/10

IIi. ⅗

IV. ⅖

14. The value of (½) ÷ (⅗) is equal to:

I. 3/10

II. ⅗

III. 6/5

IV. ⅚

15. The value of ½ + ¼ is equal to:

I. ¾

II. 3/2

III. ⅔

IV. 1