J&K POLICE PUBLIC SCHOOL MIRAN SAHIB JAMMU

Class 8th
Subject- Maths
Name Of Teacher: - Preeti Gupta
Contact no:- 9682170129
Assignment 1 (20 Marks)

SECTION 1

Q. Fill in the blanks:

(1) The Reciprocal of infinity is _____ .

(2) 1 is the _____ identity for rational numbers.

(3) There are _____ rational numbers between two given rational numbers.

(4) Those numbers which are written in the form p/q , q not equal to zero are _____.

(5) _____ is the additive identity for rational number

(6) (-23/17) * (18/35) = (18/35) * (…..)

SECTION 2

1. Add the rational numbers -5/ 7 and 3 /7.
2. Subtraction the following rational numbers 2 / 3from -5 /4   .
3. Multiply the following   (a)2 /3 *(-4) (b)7 * 1/14
4. Divide 6 by 2 /3

SECTION 3

1. List five rational numbers b/w -1 and 0

2. Represent -2 /8 , -5 / 8 , -7 / 8on the number line.

3. Name the property under multiplication used in each of the following.
    (i)   3 / -17 * -17 / 3 =1
    (ii)   1/ 2 * 1 = 1 / 2 * 1 = 1/2

    (iii) 9 /17 * -3 /4 = -3 /4 * 9 /17

4. Using appropriate properties find:
     2 /5 * -3 /7 -1 /14 - 1 /5 * 3.