MOUNT LITERA ZEE SCHOOL,HARIDWAR(2018-19)

Worksheet1

Date: 11.04.18 Chapter 1 Integers Class VII

Q1. Evaluate each expression.

i) (−10) − 47 ii) 13 + (−29) iii) -5 x 25

iv) -25 x 0 x 15 v) (-35) ÷ [ (-3)+(2)]

Q3. State whether True or False

i. The smallest integer is zero. F

ii. zero is not an integer. F

iii. The opposite of zero is zero. t

iv. Every negative integer is less than every natural number. f

v. Negative integers are finite. f

Q4. Fill in the gaps so that the statements become true.

i. Natural numbers are called \_\_\_\_\_\_\_ integers. positive

ii. -10 can be read as \_\_\_\_or \_\_\_\_\_\_ ten. minus or negative

iii. the smallest integer is \_\_\_\_\_ does not exist

iv. the successor of -459 is \_\_\_\_\_\_\_ -458

v. the predecessor of -999 is \_\_\_\_\_-1000

Q5. Name the property used in the following set of integer if 'a' and 'b' are any two integer then

i. a + b = b + a commu

Q6. name the following property in integer for any three rational numbers 'a' , 'b' and 'c'

i. a x (b+c) = (a xb) + (a x c) distribu

Q7. Katherine is very interested in cryogenics (the science of very low temperatures). With the help of her science teacher she is doing an experiment on the affect of low temperatures on bacteria. She cools one sample of bacteria to a temperature of -51°C and another to -76°C. What was the temperature difference in the two experiments?

Q8. Find the value of (-7) + (-15) ÷ 3 + (-2) X 5 using the order DMAS.