

27.06.2019

EVERWIN VIDHYASHRAM

Marks: 20

STD: VII

TT -MATHS

Time: 40mins

I. Answer in one word:

1. 0    2. (-1)    3. (-a)    4. (-20)    5. (-8)

II. Answer the following:

6.                      LHS    RHS  
 $16 \times [8 + (-3)]$      $(16 \times 8) + [16 \times (-3)]$   
 $16 \times 5 = 80$      $128 + (-48) = 80$   
LHS = RHS                      Hence verified.

7.  $[(-24) \div 4] \div 2$

$-6 \div 2 = (-3)$

8.                      LHS     $a \div (b + c)$     RHS     $a \div b + a \div c$   
 $-20 \div (1 + 1)$      $(-20 \div 1) + (-20 \div 1)$   
 $-20 \div 2 = (-10)$      $(-20) + (-20) = (-40)$   
LHS  $\neq$  RHS                      Hence verified

9.                      No. of correct answers                      =                      7  
                            No. of correct answers                      =                      3  
                            Mark of correct answers                      =                       $7 \times 4 = 28$   
                            Mark of incorrect answers                      =                       $3 \times (-2) = (-6)$   
    Total    =                       $28 + (-6)$   
    =                      22

10.                       $a \div b = (-2)$  Students answers

$(-10) \div 5$                       =                      (-2)

$6 \div (-3)$                       =                      (-2)