J&K POLICE PUBLIC SCHOOL MIRAN SAHIB ,JAMMU

Assignment: 1 (20 Marks)

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Class 7th   **Subject: Maths**

Q1. Choose the correct answer: **(4 X 1/2 = 2 Marks)**

(I) which of the following is the additive inverse of a?

   (i) $-(-a)$ (ii) $-a \times (-1)$ (iii) $-a$ (iv) $-a \div (-1)$

(II) What value of p makes the following statement true in $(-4) + p = -2$

   (i) 2   (ii) -2 (iii)6   (iv) 6

(III) Which of the following does not represent an integer?

   (i) $0 \div (-7)$ (ii) $20 \div (-4)$ (iii) $(-9) \div 3$ (iv) $(-12) \div 5$

(IV)Which of the following shows the maximum rise in temperature?

   (i) 0^0C to 10^0 C   (ii) -4^0 C to 8^0C   (iii) -15^0C to -8^0C   (iv) -7^0C to 0^0 C

Q2. Fill in the blanks: –   **(2 X 1/2 = 1Marks)**

(i) The multiplicative identity for integers is ------

(ii) $[13 + (-12)] + (---) = 13 + [(-12) + (-7)]$

Q3. Solve the following questions   **(1 X 5 = 5marks)**

(I) Write down a pair of integers whose sum is (-9)

(II) Find the Product: $(-18) \times (-5)(-4)$

(III) Evaluate: $[(-48) \div 12] \div 3$

(IV) Write a negative and positive integer whose difference is -3

(V) Simplify $5 \times [(-4) - (-6)]$

Q4. Veriify: $a - (-b) = a + b$, for the following values of a and b   **(3 X 1 =3 Marks)**

   $a = 28,$ $b=12$

Q5. Ramesh deposited ₹ 2000 in his bank account and withdraws ₹1,642 from it the   **(3 X 1=3Marks)**

   Next day.If the withdrawal of amount from the account is represented by a negative integer,

   Then how will you   represent the amount deposited? Find the balance in Ramesh`s account

   after the withdrawal?

Q6. Find the value of [20 + (4)] ÷ [8 − (− 2)   **(3 X 1 =3 Marks)**

Q7. A cement company earns a profit of ₹ 8 per bag of white cement sold and a loss of **(3 X 1= 3Marks)**

₹ 5 per bag of grey cement sold .The Company sells 3,000 bags of white cement and 5,000 bags of

grey cement in a month.What is its profit or loss ?