ASSIGNMENT NO: 1

Topics: Ch-1 INTEGERS, Ch - 2 FRACTIONS AND DECIMALS

CLASS VII   **SUB: MATHS**

Q1: Manish deposits Rs 2000 in his bank account and withdraws Rs 1000 from it, the next day. Find the balance in Manish's account after the withdrawal.   (1 marks)

    (a) Rs 2000   (b) Rs 3000   (c) Rs 1000   (d) none of these.

Q2: When the product of two fractions is unity, each is called the   (1 marks)

    (a) denominator of the other   (b) numerator of the other

    (c) additive inverse of the other   (d) reciprocal of the other

Q3: Subtract the sum of -1032 and 878 from -34.   (2 marks)

Q4: If 2/3 of a number is 6, find the number.   (2 marks)

Q5: Solve the following: (3 marks)

$$\frac{2}{3} + \frac{4}{5} \div \frac{2}{5} - 3$$

Q6: Simplify: (3 marks)

    (i) $(-8) \times 9 + (-8) \times 7$

    (ii) $9 \times (-21) + 9$

Q7: In a class test containing 10 questions, 5 marks are awarded for every correct answer and (-2) marks are awarded for every incorrect answer and 0 for each question not attempted.   (4 marks)

    (i) Ravi gets 4 correct and 6 incorrect answers. What is his score?

    (ii) Reenu gets 5 correct and 5 incorrect answers. What is her score?

CASE STUDY BASED QUESTION

Q8: Water storage tank of a house has a capacity of 500 l. $\frac{1}{5} th$ of the water is consumed for kitchen, $\frac{2}{5} th$ of the water is used for bathing and washing clothes. Remaining water is used for watering plants in the garden of the house.

1. How much water is used for kitchen?
2. How much water is used for bathing and washing clothes?
3. What fraction of total quantity of water is used for watering the garden?
4. How much water is used for watering the garden?   (4 marks)