

**BARODA HIGH SCHOOL, ONGC (Afternoon Shift)****Primary Section****UT- I Examination: 2025-26****Subject: - MATHS****Std - VII****Date: 05/08/25****Marks: 25****Q.1(A) Choose the correct option:****(2)**

(i) The product of two negative integers is:

- a) Positive                      b) Negative                      c) Zero                      d) None of these

(ii) Which of the following is a proper fraction?

- a)  $\frac{7}{3}$                       b)  $\frac{5}{5}$                       c)  $\frac{2}{7}$                       d)  $\frac{9}{2}$

(iii) Which of the following integers is the smallest?

- a) -10                      b) 0                      c) -1                      d) 5

(iv)  $1.25 \times 10 =$  \_\_\_\_\_

- a) 12.5                      b) 125                      c) 1.025                      d) 120

**(B) Fill in the blanks.****(3)**

i) The sign of the product of three negative integers is always \_\_\_\_\_.

ii)  $8 \times (-5) = (-1) \times$  \_\_\_\_\_

iii) The product of a negative integer and zero is \_\_\_\_\_.

iv) The number which when added to an integer gives the same integer is called the \_\_\_\_\_ identity.

v) When we multiply a decimal by 10, the decimal point shifts \_\_\_\_\_ place(s) to the \_\_\_\_\_.

**(C) State Whether TRUE or FALSE****(3)**

i) Reciprocal of 1 does not exist.

ii)  $34 \div 6$  means  $34 \times \frac{1}{6}$ .

iii) -5 is greater than -3.

iv) Addition is commutative for integers.

v) The product of (-4) and (-9) is 36.

vi) 3.0 and 3 are equal in value.

**(D) Match the following:****(2)**

| Column I                  | Column II               |
|---------------------------|-------------------------|
| I. $a \div 0$             | a) Improper fraction    |
| II. $a + b = b + a$       | b) 2                    |
| III. $1 \div \frac{1}{2}$ | c) Commutative property |

|                     |                |
|---------------------|----------------|
| IV. $\frac{25}{13}$ | d) Not defined |
|---------------------|----------------|

**Q.2. (A) Solve (any - 2):**

**(6)**

- a) An elevator descends into a mine shaft at the rate of 6m/min. If the descent starts from 10m above the ground level, how long will it take to reach -350m.
- b) Saili plants 4 saplings, in a row, in her garden. The distance between two adjacent saplings is  $\frac{3}{4}$  m. Find the distance between the first and the last sapling.
- c) A two-wheeler covers a distance of 55.3km in one liter of petrol. How much distance will it cover in 10litres of petrol?

**(B) Multiply and express as a mixed fraction:**

**(4)**

- a)  $9 \times 6\frac{3}{4}$
- b)  $3\frac{2}{5} \times 8$

**Q.3. Do as directed (any – 5):**

**(5)**

- a)  $3\frac{2}{5} + 2\frac{3}{4} =$
- b) Verify that  $a \div (b + c) \neq (a \div b) + (a \div c)$  for each of the following values of a, b and c.  
 $a = 12, b = (-4), c = 2$
- c) Find:  $651.2 \div 4$
- d)  $3\frac{1}{5} \div 1\frac{2}{3} =$
- e) Find:  $7.75 \div 0.25$
- f) Evaluate:  $[(-6) + 5] \div [(-2) + 1]$