

**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) $1.25 \times 10 = \underline{\hspace{2cm}}$
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 $\underline{\hspace{2cm}}$.

ii) $8 \times (-5) = (-1) \times \underline{\hspace{2cm}}$

iii) The product of a negative integer and zero is $\underline{\hspace{2cm}}$.

iv) The number which when added to an integer gives the same integer is called the $\underline{\hspace{2cm}}$ identity.

v) When we multiply a decimal by 10, the decimal point shifts $\underline{\hspace{2cm}}$ place(s) to the $\underline{\hspace{2cm}}$.

(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
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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) Sali 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: $[-6] + 5 \div [(-2) + 1]$