

GREENLAWNS SCHOOL, WORLI

Terminal Examination: 2024-2025

Mathematics

STD: V
Date: 01/10/2024

Marks: 80
Time: 2 hours

Attempt all the questions

Question 1.

Choose one correct answer to the questions from the given options:

[10]

- a. A natural number which does not have a predecessor is _____
(i) 0 (ii) 1 (iii) 0.5 (iv) -1
- b. Round off $89\frac{9}{12}$ to the nearest whole number _____
(i) 89 (ii) 88 (iii) 90 (iv) 91
- c. Choose the fraction equivalent to the decimal 0.625
(i) $\frac{1}{8}$ (ii) $\frac{1}{4}$ (iii) $\frac{3}{4}$ (iv) $\frac{5}{8}$
- d. $3.75 \times 100 =$ _____
(i) 37.5 (ii) 3750 (iii) 375 (iv) 0.375
- e. The HCF of 12 and 15 are:
(i) 4 (ii) 3 (iii) 5 (iv) 20
- f. $13 + (-7) =$ _____
(i) 13 (ii) -6 (iii) 6 (iv) 20
- g. An angle whose measure is more than 90° and less than 180° is called:
(i) Right angle (ii) Obtuse angle (iii) Acute angle (iv) Straight angle
- h. What is $\frac{1}{5}$ of a rupee?
(i) 20 paise (ii) 25 paise (iii) 50 paise (iv) 100 paise
- i. The reciprocal of $\frac{8}{9}$ is:
(i) $\frac{9}{8}$ (ii) $\frac{9}{1}$ (iii) $\frac{8}{1}$ (iv) 1

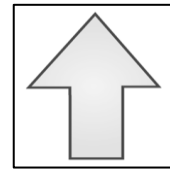
j. How many lines of symmetry does the figure given here has:

(i) 0

(ii) 1

(iii) 2

(iv) 3



Question 2.

a. i. Arrange the following in descending order:

[2]

1.002, 1.34, 0.46, 0.87 and 0.234

ii. Arrange the following in ascending order:

4.926, 18.324, 18.524, 18.234 and 6.956

b. Find the sum and write the number name of the sum in Indian System of Numeration:

6,44,196 + 7,32,152

[2]

c. Do as directed:

[4]

i. Subtract Rs. 124.89 from Rs. 508.77

ii. Write 89 in Roman Numerals.

iii. Convert $5\frac{5}{8}$ into a decimal number.

iv. Another name for multiplicative inverse is _____.

d. A shopkeeper had a profit of Rs. 50 on Monday, a loss on Rs. 20 on Tuesday and a loss of Rs. 18 on Wednesday. Find his net profit or loss in these three days. [2]

Question 3.

a. Fill in the blanks:

[2]

i. 8 thousands + 8 ones + 3 tenths + 9 hundredths = _____

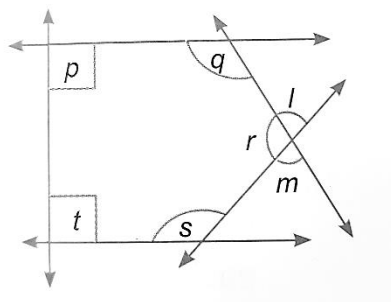
ii. IX + XV + XX = _____

b. Evaluate: i. $2.5 \times 0.05 =$ _____ ii. $4.34 \div 7 =$ _____

[2]

c. Classify the angles as acute, obtuse and right angles in the figure given below:

[3]



i. $\angle p$ is _____

ii. $\angle q$ is _____

iii. $\angle l$ is _____

iv. $\angle t$ is _____

v. $\angle s$ is _____

vi. $\angle m$ is _____

- d. Find the HCF of the following using prime factorization method: [3]
144, 180 and 192

Question 4.

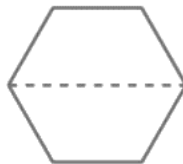
- a. State **TRUE** or **FALSE**. If **FALSE**, correct the statement. [2]
- i. The letter **P** has no line of symmetry.
- ii. $-3 + (-5) = 8$
- b. Draw $\angle ABC = 75^\circ$ by using your protractor. [2]
- c. Manu bought 3 chocolates for Rs. 210.90. What is the cost of 1 chocolate? [2]
- d. Reduce $\frac{27}{45}$ to its lowest terms and express your answer in decimals. [2]
- e. Simplify: $0.39 + 1.05 - 0.8$ [2]

Question 5.

- a. State whether the dotted lines on each shape represent the line of symmetry or not. Write 'Yes' or 'No' for each: [2]



i.



ii.



iii.



iv

- b. Write **434915406** in expanded form and find the place value of the digit 1. [2]
- c. Find the LCM of 75, 100 and 175 by division method. [3]
- d. Calculate $XC + L$. Write the answer in Hindu- Arabic numeral. [3]

Question 6.

- a. Solve : [2]
- i. 67.98×100
- ii. $349.6 \div 1000$
- b. Estimate the quotient by rounding off to nearest hundreds: [2]
- $1976 \div 185$

- c. Add the following: [3]

$$3\frac{1}{4} + 2\frac{2}{5} + 1\frac{2}{15}$$

- d. A fruit seller bought 8,27,916 mangoes. If out of them, 198 mangoes are found rotten and the remaining packed in 426 baskets, find the number of mangoes in each basket. [3]

Question 7

- a. i. Write the number name for **543,342,222** in International System of Numeration.
ii. How many thousands make a lakh? [3]
iii. Using the number line, write the integer which is 6 less than -5.

- b. Divide $7\frac{1}{3}$ by $\frac{2}{6}$ [2]

- c. Find the product: [2]

$$6\frac{1}{4} \times 2\frac{3}{5} \times 1\frac{2}{3}$$

- d. Find the HCF of 575, 690 and 920 by long division method. [3]

Question 8.

- a. The product of two numbers is 2160. If HCF is 12, find their LCM. [2]

- b. If the cost of 25 story books is Rs. 525. Find the cost of 10 story books. [2]

- c. Jayanthi filled $7\frac{1}{4}$ L of petrol in her car in the morning. In the evening $5\frac{1}{2}$ L of petrol was left in the car. How much petrol was consumed? [2]

- d. Fill in the boxes: [4]

i. $4.8 \div \square = 0.048$

ii. $0.31 \times \square = 3100$

iii. $67.4 \div \square = 0.0674$

iv. $0.2 \times 0.2 = \square$

v. $80.53 \div \square = 8.053$

vi. $0.06 \times \square = 6.00$

vii. $7959 \times 103 = \square$

viii. $20,600 \div 103 = \square$
