GREENLAWNS SCHOOL, WORLI
Final Examination: 2025-26
Mathematics

STD: V   **Marks: 80**
Date: 16/02/2026   **Time:2 hours**

Attempt all the questions

Question 1.

Choose one correct answer to the questions from the given options: **[10]**

a. Ranjita saw the time on her wall clock and it was 9 o' clock. She tried to figure out the angle between the two hands of the clock. Can you help Ranjita in doing so?
(i) 60°   (ii) 90°   (iii) 180°   (iv) 0°

b. What percent of 4m is 4 cm?
(i) 10%   (ii) 100%   (iii) 1%   (iv) 0.1%

c. The formula to calculate S.I is:

(i) $\dfrac{P X R X T}{100}$ (ii) $\dfrac{S.I \, X \, 100}{P X R}$ (iii) $\dfrac{S.I \, X \, 100}{R X T}$ (iv) $\dfrac{S.I \, X \, 100}{P \, X \, T}$

d. Sussane bought a book for Rs 355 and sold it for Rs 568. What was her profit or loss and by how much?
(i) Profit – Rs 213   (ii) Loss- Rs 213   (iii) Profit- Rs 923   (iv) Loss- Rs 923

e. The area of a square garden of side 9 m long is:
(i) 19 m²   (ii) 18 m²   (iii) 82 m²   (iv) 81 m²

f. A normal marathon is 42.195 dam long. How long is it in dm?
(i) 421.95   (ii) 4219.5   (iii) 4.2195   (iv) 42195

g. A diameter is _____ of the radius.
(i) Half   (ii) Double   (iii) One fourth   (iv) One third

h. Interest on Rs. 500 for 3 years at the rate of 5% per annum will be:
(i) Rs. 25   (ii) Rs. 50   (iii) Rs. 75   (iv) Rs. 125

i. To convert 45 cm into hm we divide it by:
(i) 100   (ii) 1000   (iii) 10000   (iv) 100000

j. The length of the given container if it can fill 360 cm³ of milk this tetrapack completely, will be:
(i) 10 cm   (ii) 7.5 cm
(iii) 8 cm   (iv) 8.5 cm
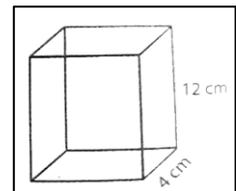
Question 2.

a. Find the volume of a cuboid whose length, breadth and height are 12 cm, 4 cm and 10 cm respectively. **[2]**

b. If Principal borrowed is Rs. 10,000 and interest got is half of the principal after 1 year, then find the following:

    i. Amount after 1 year   **[1]**

    ii. Rate of interest   **[2]**

c. **Fill in the blanks:**   **[3]**

    i. 17.08 m = _____ mm.

    ii. 45 ml = _____ dl

    iii. 22.09 dag = _____ kg

d. Advik purchased a shop for Rs. 796758.00. Due to some reasons he had to sell it at a loss of Rs. 57660.00. Find the selling price at which Advik sold the shop.   **[2]**

Question 3.

a. Observe the picture given below. Find the area of the shaded portion: **[3]**
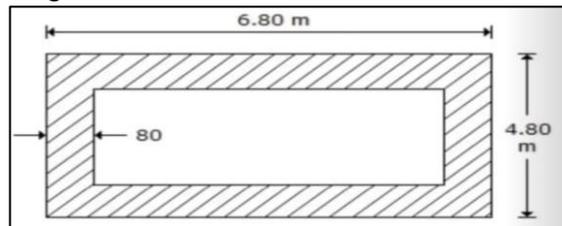
b. Draw the following: **i.** AB   **ii.** QR   **[2]**

c. Find the length of one edge of a cube whose volume is 125 cm³.   **[2]**
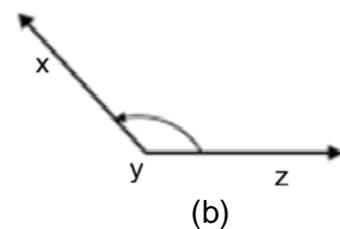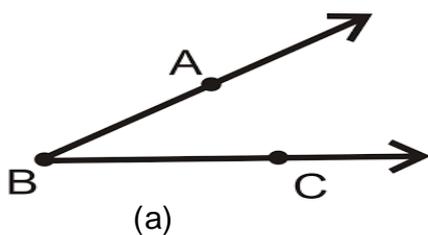
d. A man bought 300 mangoes for Rs. 1250 and sold at the cost of Rs. 3.75 each. Find his loss percentage.   **[3]**

[

Question 4.

a. **State TRUE or FALSE. If FALSE, correct the statement.**   **[2]**

    i. A ray has definite length.

    ii. A triangle with all its sides unequal is called an isosceles triangle.

b. **Find the measure of the following angles:**   **[2]**

(a)   (b)

c. **Find:**   **i .** 10% of Rs 500   **ii.** 25% of 140 g   **[2]**

d. What will be the cost of painting a wall of length 80 m and breadth 15 m at the rate of Rs. 4 per sq. m. **[2]**

e. If P=Rs,12,000 R=6.5% and T=2 years then calculate S.I. **[2]**

Question 5.

a. Calculate the simple interest for a sum borrowed of Rs 25,000 at the rate of 4 % per annum after $12\frac{1}{2}$ years. **[2]**

b. Use your protractor to draw angles that have the following degree measures: **[2]**
    i. 40°   **ii.** 160°

c. During Basketball practice, Anaya made 14 out of 25 free throws. Shanaya made 12 out of 20. Use percents to show which girl had the higher score? **[3]**

d. The following line graph shows the number of people in a restaurant at different times during a day. The restaurant opens at 10:00 am every day. Look at the graph carefully and answer the questions given below: **[3]**
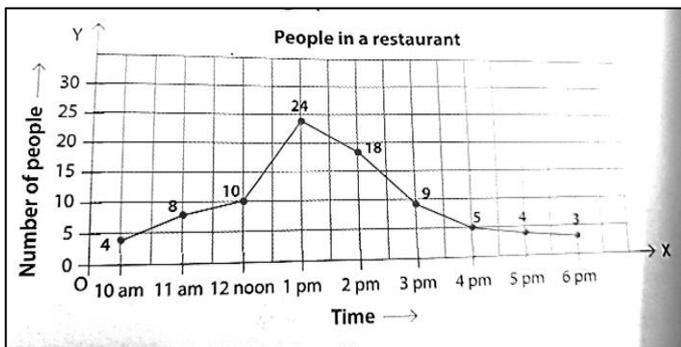
i. What is the busiest time of the day?
ii. How many people are there in the restaurant when it opens?
iii. About how many people are there at 12 noon?

Question 6.

**a.** Solve : $\frac{3}{4}$ of 5L = _____ dl **[2]**

b. **Do as directed:**
    i. Draw a circle of radius 3.5 cm.
    ii. Write down the measure of the longest chord of this circle.
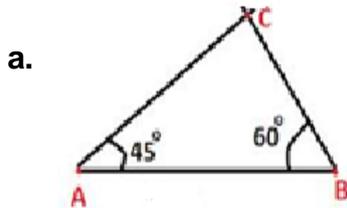   **iii.** Mark an arc PQ on the circle drawn.

c. Anu bought an old cycle for Rs. 2500. She spent Rs. 75 on repair. She then sold it for Rs. 2825. How much did she gain or lose? **[2]**

d. Fill in the blanks for the grid given below on the next page: **[3]**

    i. Shaded squares = _____
    ii. Fraction shaded = _____
    iii. Percent = _____
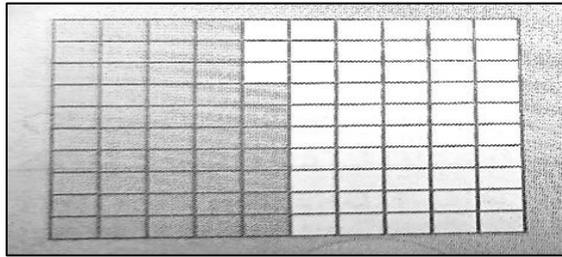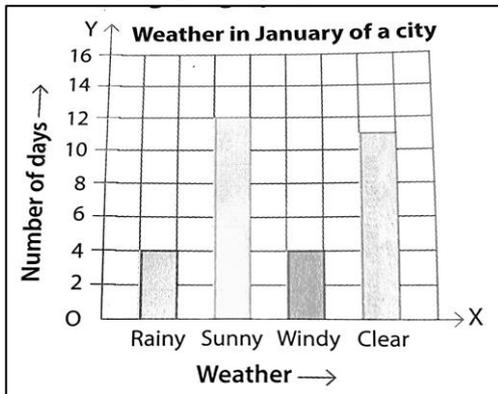
Question 7

a. The measures of two angles of a triangle are given below. Find the measure of the third angle. **[3]**

b. A chair was bought for some price and sold for Rs.1000 at a loss of 15%. Find its cost price. **[3]**

c. The following bar graph shows the weather in January in a city. Looking at the graph, answer the questions given below:

i. How many rainy days were there in January? **[1]**

ii. How many clear days were there? **[1]**

iii. How many more sunny than windy days were there? **[2]**

Question 8.

a. Shreyansh deposited Rs. 55,000 in bank at 7% interest per year for 3 years. How much simple interest did he get and what was the final amount? **[3]**

b. One family consumes 40 kg 700 g of rice and another family consumes 21 kg 950 g of rice every year. Which family consumes more rice and by how much? **[3]**

c. Following table shows the number of trees planted after every two years in Mumbai during the year 2013-2023. Express this data in the form of a bar graph: **[4]**

Years	Number of trees planted
2013	3500
2015	3000
2017	5000
2019	6500
2021	6000
2023	2000

****