1BARODA HIGH SCHOOL, ONGC (Afternoon Shift)
Primary Section
UT- I Examination : 2025-26
Subject:- MATHS

Name:_____ Roll No:-_____Std. : V   Div:___   Marks: 30

Date: 01/08/25   Invg. Sign. _____Examiner's Sign_____Marks
Obtained___/30

**Q.1(A) On the basis of story, choose the correct answer:**   **(3)**

One evening, Aarav wandered into the mysterious shape forest, where everything was made of geometrical figures, the trees had a triangular leaves, he carefully traced it and observed that it has acute and obtuse angle, the bushes were shaped like rectangle, he saw a square tile on the path and drew it, noting that it has a 4 right angles. As Aarav walked, he saw an old man sitting on a hexagonal bench and an old owl was sitting on a hexagonal branch. He carefully measured each turn he made,some were right angles, some were less than right angle (acute) and some were more than right angle (obtuse).As he walked further, he found a stop sign, which was an octagon with equal sides. Aarav learned that angles are not just in books,they're around us.

(i)   The shape of the bushes was _____
        (a) Square   (b) rectangle   (c) triangle   (d) octagon.

(ii)   What kind of angle does a square have? _____
        (a) Right angle   (b) acute angle   (c) obtuse angle   (d) straight angle.

(iii)   Which of these is not a true statement? _____
        (a) Recatangles were seen in the bushes.   (b) Square were seen in the tiles.
        (c) Owl was sitting on a triangular life.   (d) Stop sign board was an octagonal shape.

(iv)   The old man was sitting on a _____ shape bench.
        (a) Square   (b) Triangular   (c) Hexagonal   (d) Rectangular

(v)   An angle which is less than a right angle is _____ angle.
        (a) Straight   (b) Obtuse   (c) Acute   (d) None of these.

(vi)   How many right angles are there in a square tile._____
        (a) 2   (b) 4   (c) 1   (d) 0

(B) Observe the figure and state true/ false: **(2)**

(i) Area of big rectangle is 20 sq cm._____

(ii) The area of both the triangles is not equal to each other._____
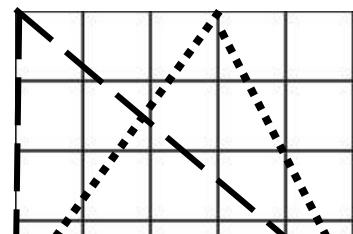
(iii) The area of (– – –) triangle is half of big rectangle._____

(iv) The area of (·······) triangle is 15 sq cm._____

(C) Fill in the blanks with the help of given paragraph: (3)

The annual mango festival is organised. Three friends Ravi, Tara and Zoya- are incharge of delivering mangoes from farms to the city using different vehicles. **Ravi** has a **truck** that can carry **100 mangoes in one trip**, **Tara** use a **van** that carry **50 mangoes in one trip** and **Zoya** has a **bike- cart** that can carry **20 mangoes in one trip**. **Each** of them has to make **3 trips.**

(i) Tara's van can carry _____ mangoes in one trip.

(ii) Ravi's truck deliever _____ mangoes in three trips.

(iii) Zoya's total (in 3 trips) mango delivery is _____

(iv) The total number of mangoes deliever by all three to mango festival is _____

(v) _____can carry more mangoes in one trip.

(vi) _____can carry less mangoes in three trips.

(D) Draw one straight line in this rectangle to divide it into two equal triangles. What is the area of each of the triangles? (1)
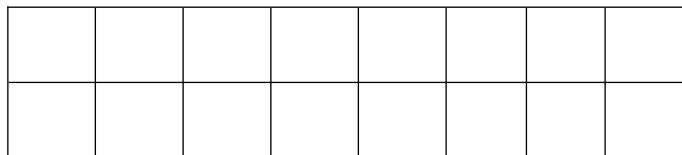
(E) Draw one open and closed shape:- (1)

OPEN SHAPE	CLOSED SHAPE

Q.2.(A) Match the following: (2)

1. one-fourth of complete angle	a. 8 sides
2. Half of right angle	b. 180°

3. Octagon	c. 90°
4. Double of right angle	d. 45°

ANSWERS: { 1- _____ 2 - _____ 3 - _____ 4 - _____ }

(B) Which type of angle is formed between the hands of the clock given below? Write the time also: **(4)**

(i)

Angle: _____

Time: _____

(ii)
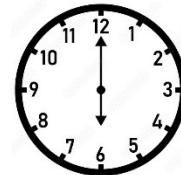
Angle: _____

Time: _____

(C) Find the area of the given shape: **(2)**
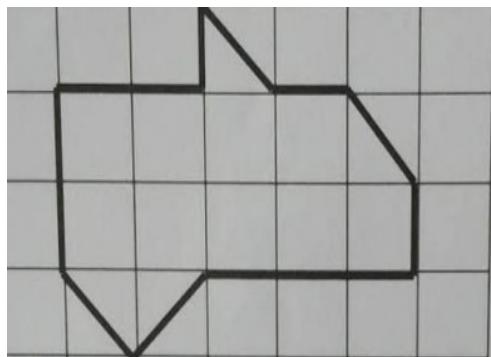
(D) Draw the angles of the following measurements with the help of protactor: **(2)**

(i) 120°   (ii) 60°
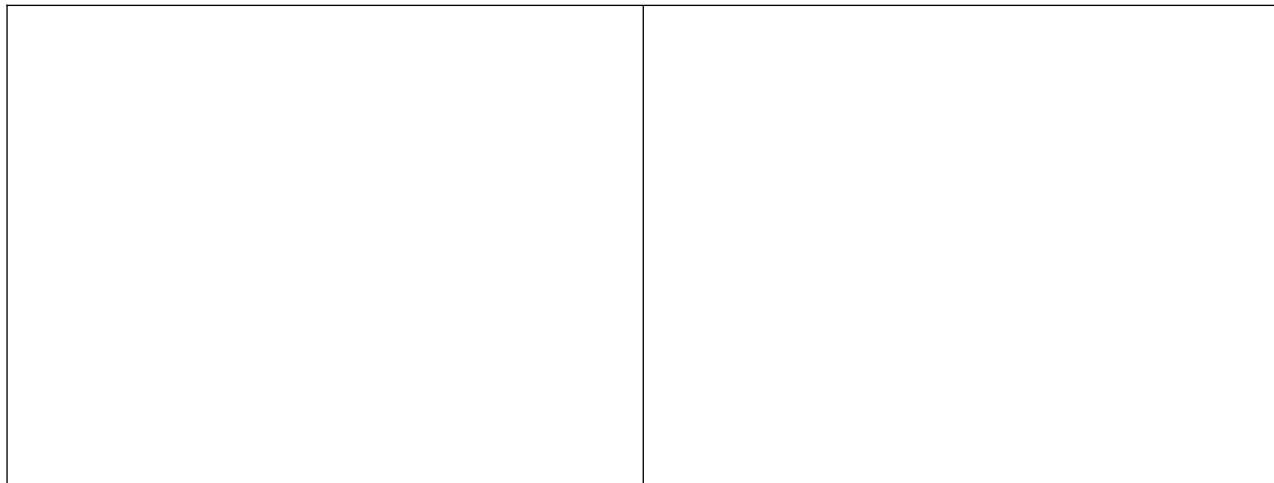
Q.3. (A) Mark the right angle in the word with red , acute angle with blue and obtuse angle with green. **(3)**
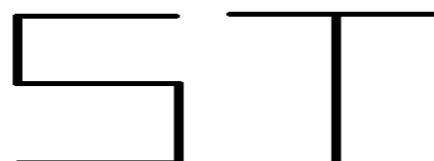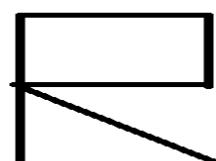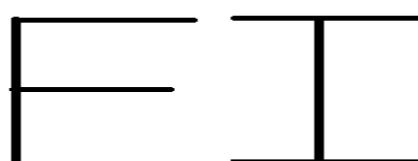
(i)   Number of right angle:- _____

(ii)   Number of acute angle:- _____

(iii)   Number of obtuse angle:- _____

**(B) Solve the following questions on the basis of the table given below:**   **(4)**

Type of mango	Rate per kg
Totapuri	40 rupees
Hafus	50 rupees
Langdo	70 rupees
Kesar	150 rupees

(i) Maya buys 5 kg Totapuri mango and Jaya buys 4 kg Hafus mango, how much amount do they pay individually to the shopkeeper?

_____

_____

_____

_____

_____

_____

_____

_____

_____

(ii) Rahul buys 4 kg Langdo mango and Sonu buys 2 kg Kesar mango. Who will pay more and how much?

_____

_____

_____

_____

_____

_____

_____

_____

_____

(C) Make any 2 shapes using any 5 such squares and colour them also.   **(2)**

(D) Draw 2×2 square grid,and count how many squares are there in total? (1)