

I. Choose the best answer.

(6 × ½ = 3)

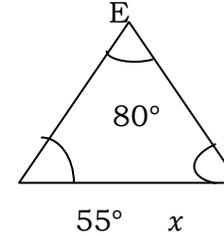
- The place value of 3 in 85.073 is _____
a) Tenths b) Hundredths c) Thousands d) Thousandth
- $\frac{3}{5}$ = _____
a) 0.06 b) 0.006 c) 6 d) 0.6
- The formula $C = 2\pi r$, "r" refer to _____
a) Circumference b) Area c) Rotation d) Radius
- The ration of the area of a circle to the area of its semicircle is ____
a) 2:1 b) 1:2 c) 4:1 d) 1:4
- The formula to find the area of the circular path is _____
a) $2\pi (R^2 - r^2)$ sq.units b) πr^2 sq.units
c) $2\pi r^2$ sq.units d) $\pi r^2 + 2r$ sq.units
- The angle of a triangle are in the ratio 2:3:4 Then the angles are
a) 20, 30, 40 b) 40, 60, 80 c) 80, 20, 80 d) 10, 15, 20

II. Answer any 4 of the following.

(4 × 3 = 12)

- Write the following decimal numbers in the place value table.
i) 25. 178
ii) 19.54
- Express the following in meters using decimals.
i) 16 cm
ii) 7 cm
- Find the circumference of the circles whose diameter are given
below (Use $\pi = \frac{22}{7}$ d = 70 cm
- Calculate the area of the Shot circle whose radius 2.135 m

- Find the area of a circular path way whose outer radius is 32 cm and inner radius is 18 cm
- Find the value of x



III. Answer any 2 of the following.

(2 × 5 = 10)

- If the three angles of a triangle are in the ration 3: 5:4, then find them.
- A rectangular garden has dimensions 11m × 8m. A path of 2m wide has to be constructed along its sides. Find the area of path.
- A ground is in the form of a circle whose diameter is 350 m. An athlete makes 4 revolutions. Find the distance covered by the athlete.
- Write the following decimals as fractions:-
i) 2.5 ii) 6.4 iii) 0.75