

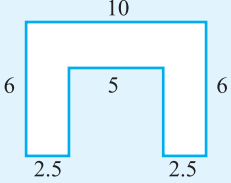
Revision Test Paper-IV

(Based on Chapters 14 to 16)

A. Multiple Choice Questions (MCQs).

(10)

Tick (✓) the correct option.

- Two squares are congruent if they have
(i) same side (ii) same area (iii) same perimeter (iv) All of these
- If $\triangle ABC \cong \triangle XYZ$ which of the following is true?
(i) $AC = XY$ (ii) $BC = XY$ (iii) $AB = XY$ (iv) None of these
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The perimeter of the given shape is
(i) 16 unit (ii) 26 unit (iii) 36 unit (iv) 32 unit
- Area of a parallelogram is
(i) $b \times h$ (ii) $\frac{1}{2} bh$ (iii) $2(b+h)$ (iv) $\frac{3}{4} bh$
- The area of circular ring with outer and inner radii 9 cm and 5 cm respectively is
(i) 440 cm^2 (ii) 220 cm (iii) 496 cm^2 (iv) 220 cm^2
- Numerical data is represented by means of bars with equal spacing between them in a
(i) Pictograph (ii) Line graph (iii) Bar graph (iv) Pie graph
- The mean of first 5 odd numbers is
(i) 5 (ii) $8.\overline{16}$ (iii) 9 (iv) 11
- If a dice is rolled, the probability of getting an odd number is
(i) $\frac{1}{2}$ (ii) $\frac{1}{3}$ (iii) $\frac{1}{4}$ (iv) $\frac{1}{6}$
- The mean of 7 numbers is 17. The sum of 7 numbers is
(i) 24 (ii) 10 (iii) 109 (iv) 119
- The circumference of a circle is 154 m. Its diameter is
(i) 24.5 m (ii) 49 m (iii) 308 m (iv) 77 m

B. Fill in the blanks:

(10)

- If the side of a square is doubled, then the area becomes _____ times.
- _____ is the science of drawing useful facts from some data.
- Circles having the same centre are called _____ circles.
- Two angle are said to be _____, their measures are equal.





5. An equilateral triangle has _____ lines of symmetry.
6. _____ is the distance measured around a closed figure.
7. _____ is the line segment joining the centre of a circle to any point on the circle.
8. Perimeter of a square is _____.
9. _____ is the amount of space within a closed figure.
10. Area between two concentric circles with radii R and r is _____.

C. Write 'T' for true statement and 'F' for false statement :

(10)

1. Rectangles having equal perimeter are congruent.
2. The distance from centre to the boundary of a circle is its circumference.
3. Most common value of a data is called mode.
4. The act of tossing a coin or throwing a dice is called experiment and the score that you get is called an outcome.
5. Numeral data is represented in a circular form is called a pie chart or circle chart.
6. We cannot find the area of three dimensional shapes.
7. The perimeter of a circle is called its circumference.
8. The value of π is 3.41459.
9. The perimeter of a rectangle is 2 (Length÷breadth)
10. Sample space is the set of all the possible outcomes in an experiment.

