



## Assignment

**ABHYAS Academy,**Near Govt. College, Nishat Cinema Road,  
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Date: \_\_ / \_\_ / \_\_\_\_

Name: \_\_\_\_\_

Max Marks: 13

## Section-A (One Mark Each)

- 1 Find the radius of a circular field whose circumference measures 2.2 km
- 2 The minute hand of a clock is 15cm long. How far does the tip of the minute hand move in 1 hour?

## Section-B (Two Marks Each)

- 3 A wire is in the shape of a square of side 10cm. If the wire is rebent into a rectangle of length 12cm, find its breadth. Which encloses more area, the square or a rectangle?
- 4 A door frame of dimensions 3m × 2m is fixed on the wall of dimension 10m × 10m. Find the total labour charges for painting the wall if the labour charges for painting 1m<sup>2</sup> of the wall is Rs 2.50

## Section-C (Three Marks Each)

- 5 From a circular card sheet of radius 14cm, two circles of radius 3.5cm and a rectangle of length 3cm and breadth 1cm are removed. Find the area of the remaining sheet

## Section-D (Four Marks Each)

- 6 A verandah of width 2.25m is constructed all along outside a room which is 10.5m long and 4.5m wide. Find:
  - i. The area of the verandah
  - ii. The cost of cementing the floor of the verandah at the rate of Rs200/m<sup>2</sup>.



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