

13.11.2019

EVERWIN VIDHYASHRAM

Marks: 20mar

STD: VII

TT - MATHS

Time: 40 min

I. Fill in the blanks:

4x1=4

1. $10,000\text{m}^2 = \underline{\hspace{2cm}}$ hectare.
2. The perimeter of circle is its $\underline{\hspace{2cm}}$.
3. The area of path is 500m^2 . Find the cost of cementing the path if the rate is Rs. 100 per m^2 .
4. If a wire in the shape of a square is rebent into a rectangle then the $\underline{\hspace{2cm}}$ of both shapes remain same.

II. Answer the following:

4x4=16

5. A garden is 50m long and 42m broad. A path 2m wide is built outside and around it. Find the area of path.
6. A grassy plot of length is 80m and breath is 60m. Two cross paths each width 4m are constructed at right angles through the centre of the plot. Find the area of the path.
7. Find the circumference of a circular pipe whose radius is 28m.

(Take $\pi = \frac{22}{7}$).

8. Find the area of quadrilateral ABCD. Here $AC = 20\text{cm}$, $BM = 4\text{cm}$, $DN = 4\text{cm}$, $BM \perp AC$, $DN \perp AC$.

