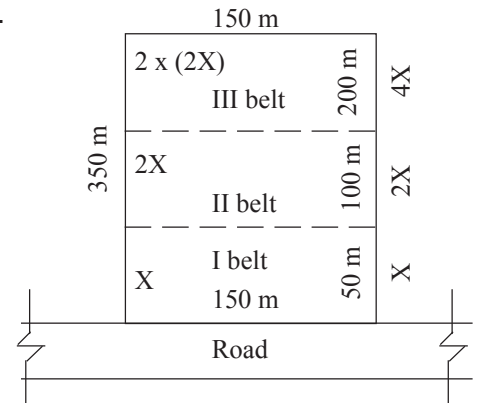


EXERCISES

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1. Value the plot of 150 m x 350 m by belting method.
The depth of first belt X is 50 m. The depth of second belt is 2X. The depth of third belt is 4X.

Land rate for I belt = Rs. 300/m²
Rate for II belt = 40% less from I belt
Rate for III belt = 40% less from II belt



Questions :

1. What is the value of I belt?
2. What is the value of II belt?
3. What is the value of III belt?
4. What is the total value of the plot 150 m x 350 m?

Answers :

1. I belt : 150 x 50 x Rs. 300/sq.m. = **Rs. 22,50,000/-**
2. II belt : 150 x 100 x (300 x 0.6) = **Rs. 27,00,000/-**
3. III belt : 150 x 200 x (180 x 0.6) = **Rs. 32,40,000/-**
4. Value of the entire plot
22,50,000 + 27,00,000 + 32,40,000 = **Rs. 81,90,000/-**

2. 1,200 m² of plot abutting a Highways is proposed to be taken on lease by a company. Fix the lease rent of the plot, if yield rate is 7% & land rate is Rs. 5,000/m².

Solution :

$$\begin{aligned} \text{Value of land} &= 1,200 \times 5,000 \\ &= \text{Rs. } 60,00,000/- \end{aligned}$$

$$\begin{aligned} \text{Lease rent} &= 60,00,000 \times \frac{7}{100} \\ &= \text{Rs. } 4,20,000 / \text{year} \end{aligned}$$