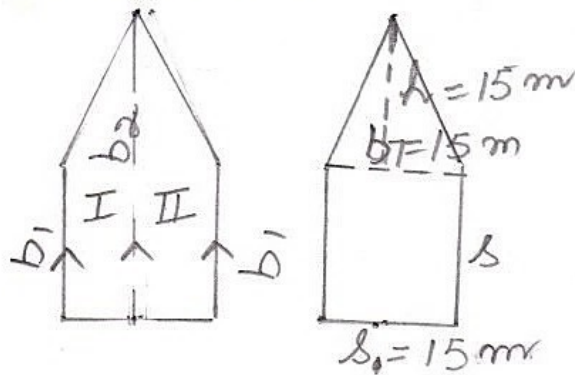


10 @



area of field (acc. to gyot's figure)

$$\begin{aligned}
 &= \text{ar}(\text{trap. I}) + \text{ar}(\text{trap II}) \\
 &= \frac{1}{2} \times (b_1 + b_2) \times h \times 2 \\
 &= (15 + 30) \times \frac{15}{2} \\
 &= 45 \times \frac{15}{2} \\
 &= \frac{675}{2} \\
 &= 337.5 \text{ m}^2
 \end{aligned}$$

[b_1, b_2, h have same values for trap I and II]

⑥ area of field (acc. to kavitas figure)

$$\begin{aligned}
 &= \text{area of square} + \text{area of } \Delta \\
 &= s^2 + \frac{1}{2} \times b \times h \\
 &= 15^2 + \frac{1}{2} \times 15 \times 15 \\
 &= 225 + \frac{225}{2} \\
 &= 225 + 112.5 \\
 &= 337.5 \text{ m}^2
 \end{aligned}$$