

16.

let no. of winners = x no. of non winners = $63 - x$

according to condition

$$100x + 25(63 - x) = 3000$$

$$(\div 25) \quad 4x + 63 - x = 120$$

$$\Rightarrow 3x = 120 - 63$$

$$\Rightarrow 3x = 57$$

$$\Rightarrow x = \frac{57}{3} = 19$$

$$\Rightarrow x = 19$$

 \therefore no. of winners = 19