

1. let original salary = Rs $100x$
acc. to con.

$$100x + \frac{10}{100} \times 100x = 154000$$

$$\Rightarrow 110x = 154000$$

$$\Rightarrow x = \frac{154000}{110} = 1400$$

$$\Rightarrow x = 1400$$

\therefore Original salary = Rs 14,000

2. no. of persons who visited zoo
on Sunday = 845

no. of persons who visited zoo
on Monday = 169

Percentage decrease in visitors

$$= \frac{845 - 169}{845} \times 100$$

$$= \frac{676}{845} \times 100$$

$$= 80$$