

$$\begin{aligned} \textcircled{1} \text{ Principal} &= \text{Rs } 2500 \\ \text{time} &= 2 \text{ years} \\ \text{rate} &= 10\% \text{ p.a. (comp. annually)} \end{aligned}$$

$$\begin{aligned} \text{Interest for I year} &= \frac{PRT}{100} \\ &= \frac{2500 \times 10 \times 1}{100} \\ &= \text{Rs } 250 \end{aligned}$$

$$\begin{aligned} P. \text{ for II year} &= 2500 + 250 \\ &= \text{Rs } 2750 \end{aligned}$$

$$\begin{aligned} I. \text{ for II year} &= \frac{PRT}{100} \\ &= \frac{2750 \times 10 \times 1}{100} \\ &= \text{Rs } 275 \end{aligned}$$

$$\begin{aligned} \text{C.I for 2 years} &= 250 + 275 \\ &= \text{Rs } 525 \\ \text{amount} &= 2500 + 525 \\ &= \text{Rs } 3025 \end{aligned}$$