

$$\textcircled{7} \text{ Money Invested (P) = Rs 8000}$$

$$\text{rate (R) = 5\% p.a.}$$

amount after 2 years (A)

$$= P \left(1 + \frac{R}{100}\right)^2$$

$$= 8000 \left(1 + \frac{5}{100}\right)^2$$

$$= \overset{4}{\cancel{8000}} \times \frac{105}{\underset{1}{\cancel{100}}} \times \frac{\overset{21}{\cancel{105}}}{\underset{1}{\cancel{100}}}$$

$$= \text{Rs } 8820$$

$$\text{Interest for third year} = \frac{ART}{100}$$

$$[\text{here } A = P]$$

$$= \frac{\overset{441}{\cancel{8820}} \times 5 \times 1}{\cancel{100}}$$

$$= \text{Rs } 441$$