

Principal=30,000 Rs.

C.I=4347 Rs.

Rate of interest=7 %

Amount=Principal+C.I

Amount = 30,000 + 4347 = 34347Rs.

Let the time is T years' then

$$\Rightarrow 34347 = 30000\left(1 + \frac{7}{100}\right)^T$$

$$\Rightarrow 34347 = 30000\left(\frac{107}{100}\right)^T$$

$$\Rightarrow \left(\frac{107}{100}\right)^T = \frac{34347}{30000}$$

$$\Rightarrow \left(\frac{107}{100}\right)^T = \frac{11449}{10000}$$

$$\Rightarrow \left(\frac{107}{100}\right)^T = \left(\frac{107}{100}\right)^2$$

$\therefore T = 2$ years.