

4. Price of car for Arun = Rs 3,50,000

Price of car next year = Rs 3,70,000

$$\begin{aligned}
 \text{Percentage increase} &= \frac{\text{Increase} \times 100}{\text{original price}} \\
 &= \frac{370000 - 350000}{350000} \times 100 \\
 &= \frac{20000}{350000} \times 100 \\
 &= \frac{40}{7}
 \end{aligned}$$

5. C.P. of T.V. = Rs 10000

Profit % = 20

S.P. of TV =  $\frac{100 + P\%}{100} \times CP$

$$= \frac{100 + 20}{100} \times 10000$$

$$= 120 \times 100$$

$$= \text{Rs } 12000$$