VIII, ex 11A P4

Solutions by Dev Anoop (Bathinda)

⑤ Money borrowed (P_1) = Rs 20000
rate = 12% p.a. , t = 2 years, S.I

∴ Interest paid by Harpreet = $\frac{P_1rt}{100}$

$= \frac{20000 \times 12 \times 2}{100}$

= Rs 4800

Money lended (P_1) = Rs 20000
rate = 12% p.a, t = 2 years, S.I

$CI_1 = \frac{P_1rt}{100} = \frac{20000 \times 12 \times 1}{100}$

= Rs 2400

$P_2 = 20000 + 2400$

= Rs 22400

$CI_2 = \frac{P_2rt}{100} = \frac{22400 \times 12 \times 1}{100}$

= 2688

CI for 2 years = 2400 + 2688

= Rs 5088

gain = CI − SI

= 5088 − 4800

= Rs 288