

(i)

$$\begin{aligned}
 \text{Current Ratio} &= \frac{\text{Current Assets}}{\text{Current Liabilities}} \\
 \text{Current Ratio} &= 3.5:1 \\
 \frac{\text{Current Assets}}{\text{Current Liabilities}} &= 3.5:1 \\
 \text{Current Assets (CA)} &= 3.5 \times \text{Current Liabilities (CL)} \\
 \text{Quick Ratio} &= \frac{\text{Quick Assets}}{\text{Current Liabilities}} \\
 \text{Quick Ratio} &= 2:1 \\
 \frac{\text{Quick Assets}}{\text{Current Liabilities}} &= 2:1 \\
 \text{Quick Assets (QA)} &= 2 \times \text{Current Liabilities (CL)} \\
 \text{Inventory} &= \text{CA} - \text{QA} \\
 48,000 &= 3.5 \times \text{CL} - 2 \times \text{CL} \\
 48,000 &= 1.5 \times \text{CL} \\
 \text{Current Liabilities (CL)} &= \text{Rs. } 32,000 \\
 \text{Current Assets (CA)} &= 3.5 \times 32,000 \\
 &= \text{Rs. } \mathbf{1,12,000}
 \end{aligned}$$



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Session 2022-23
Main Zone-4, Set-1

Q-33*



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(ii)

$$\begin{aligned}\text{Debt} &= \text{Total Debt - Current Liabilities} \\ &= \text{Rs. 4,00,000 - Rs. 1,00,000} \\ &= \text{Rs. 3,00,000}\end{aligned}$$

$$\begin{aligned}\text{Equity} &= \text{Shareholder's funds} \\ &= \text{Rs. 2,00,000}\end{aligned}$$

$$\text{Debt Equity Ratio} = \frac{\text{Debt}}{\text{Equity}}$$

$$\text{Debt Equity Ratio} = \frac{3,00,000}{2,00,000}$$

$$= 1.5:1.$$

**ACCOUNTS
APTITUDE**