

## RATIO ANALYSIS: PROBLEMS AND SOLUTIONS

Problem 1:

The following is the Balance Sheet of a company as on 31st March:

<i>Liabilities</i>	<i>Rs.</i>	<i>Assets</i>	<i>Rs.</i>
Share Capital	2,00,000	Land and Buildings	1,40,000
Profit & Loss Account	30,000	Plant and Machinery	3,50,000
General Reserve	40,000	Stock	2,00,000
12% Debentures	4,20,000	Sundry Debtors	1,00,000
Sundry Creditors	1,00,000	Bills Receivable	10,000
Bills Payable	50,000	Cash at Bank	40,000
	8,40,000		8,40,000

Calculate :

- (1) Current Ratio
- (2) Quick Ratio
- (3) Inventory to working Capital
- (4) Debt to Equity Ratio
- (5) Proprietary Ratio
- (6) Capital Gearing Ratio
- (7) Current Assets to Fixed Assets

**SOLUTION :**

$$\begin{aligned}
 (1) \text{ Current Ratio} &= \frac{\text{Current assets}}{\text{Current Liabilities}} \\
 &= \frac{\text{Rs. } 3,50,000}{\text{Rs. } 1,50,000} = 2.33 : 1
 \end{aligned}$$

$$\begin{aligned}
 (2) \text{ Quick Ratio} &= \frac{\text{Liquid Assets}}{\text{Liquid Liabilities}} \\
 &= \frac{\text{Rs. } 1,50,000}{\text{Rs. } 1,50,000} = 1 : 1
 \end{aligned}$$

$$\begin{aligned}
 (3) \text{ Inventory to Working Capital} &= \frac{\text{Inventory}}{\text{Working Capital}} \\
 &= \frac{\text{Rs. } 2,00,000}{\text{Rs. } 2,00,000} = 1 : 1
 \end{aligned}$$

$$\begin{aligned}
 (\text{Working Capital} &= \text{Current Assets} - \text{Current Liabilities} \\
 &= \text{Rs. } 3,50,000 - \text{Rs. } 1,50,000 = \text{Rs. } 2,00,000)
 \end{aligned}$$

$$(4) \text{ Debt to Equity Ratio} = \frac{\text{Long Term Debts}}{\text{Shareholders' Fund}}$$

Problem 2:

# Ratio Analysis Problems And Solutions

**Lei Shi**



## **Ratio Analysis Problems And Solutions:**

## Decoding **Ratio Analysis Problems And Solutions**: Revealing the Captivating Potential of Verbal Expression

In a period characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its ability to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Ratio Analysis Problems And Solutions**," a mesmerizing literary creation penned by way of a celebrated wordsmith, readers attempt an enlightening odyssey, unraveling the intricate significance of language and its enduring effect on our lives. In this appraisal, we shall explore the book's central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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