

Fundamentals of Financial Accounting

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Analysis of Financial Statements:					Information Needs:				
1	Change				1	Liquidity			
2	% Change				2	Solvency			
3	Ratio Analysis				3	Profitability			
4	Trend Analysis								
5	Horizontal and Vertical Analysis								
1 Change:									
Change = Current Year Amount - Last Year Amount									
2 Change %:									
Change % = (Current Year Amount - Last Year Amount) / Last Year Amount x 100									
Or									
Current Year Amount / Last Year Amount x 100									
Ratio Analysis:									
1	Liquidity Ratios								
2	Profitability Ratios								
3	Solvency Ratios								
4	Market Ratio								
1 Liquidity Ratios:									
a Working Capital:									
Working Capital = Current Assets - Current Liabilities					Working capital means the current assets that will be remaining if all current liabilities are paid. This amount is used to perform business operations like paying salary, taxes, rent, insurance etc.				
b Current Ratio:									
Current Ratio = Current Assets / Current Liabilities					It shows how much greater or smaller the current assets are as compare to current liabilities. It shows how much % of current liability will be remaining in the form of current assets after paying it fully.				
c Quick/Acid-Test Ratio:									
Quick/Acid-Test Ratio: [Current Assets - (Inventory + Supplies + Prepaid Expense)] / Current Liability					It shows how much greater or smaller the quick assets are as compare to current liabilities. It shows how much % of current liability will be remaining in the form of quick asset after paying it fully.				
or									
Quick Ratio = [Cash + Bank + Marketable Securities + Receivables] / Current Liability									
or									
Quick Ratio = Quick Assets / Current Liability									

d	Inventory Turnover Ratio/Inventory Holding Period:								
	In times:								
	Inventory Turnover Ratio(Times): Cost of Goods Sold/Average Inventory								
	Average Inventory = (Beginning Inventory + Ending Inventory)/ 2								
	In Days								
	Inventory Turnover(Days) = Days of Accounting Year/Inventory Turnover-in times								
	Or								
	Inventory Turnover(Days)=Days of Accounting Year/[Cost of Goods sold/average inv)								
	or								
	=Days of Accounting year x [Average Inventory/cost of goods sold]								
e	Receivable Turnover Ratio/Receivable Collection Period:								
	In times:								
	Receivable Turnover Ratio(Times): Net Credit Sales/Average Receivable								
	Average Receivable = (Beginning Receivable + Ending Receivable)/ 2								
	In Days								
	Receivable Turnover(Days) = Days of Accounting Year/Receivable Turnover-in times								
	Or								
	Receivable Turnover(Days)=Days of Accounting Year/[Net Credit Sales/average Receivable)								
	or								
	=Days of Accounting year x [Average Receivable/Net Credit Sales]								
f	Days of Operating Cycle:								
	Days of Operating Cycle: Inventory Turnover Days + Receivable Turnover Days								

g	Payment Turnover Ratio/Payable Payment Period:							
	In times:							
	Payable Turnover Ratio(Times): Net Credit Purchases/Average Payable	It shows how many times the average payable is paid during the accounting period.						
	Average Payable = (Beginning Payable + Ending Payable)/2							
	In Days							
	Payable Turnover(Days) = Days of Accounting Year/Payable Turnover-in times	It shows in how many days average payable is paid during the accounting period.						
	Or							
	Payable Turnover(Days)=Days of Accounting Year/[Net Credit Purchases/average Payable)							
	or							
	=Days of Accounting year x [Average Payable/Net Credit Purchases]							