Financial Statement Analysis:
Part 1: Theory \& Definitions:
Question 11.1.1:
Five areas that financial ratios concentrate on are:
a) liquidity, profitability, debt, efficiency, market related;
b) profitability, strategy, liquidity, auditing, share prices;
c) liquidity, current ratio, quick ratio, interest cover, dividend cover;
d) market related, share prices, dividend policy, debt policy, strategy;
e) none of the above.

Question 11.1.2:
Ratios that measure the ability of the company to pay its short-term debts are called:
a) debt ratios;
b) cover ratios;
c) liquidity ratios;
d) profitability ratios;
e) none of the above.

Question 11.1.3:
Current assets divided by current liabilities is the definition of the:
a) interest cover ratio;
b) dividend cover ratio;
c) quick ratio;
d) current ratio;
e) none of the above.

Question 11.1.4:
The quick ratio is defined as:
a) current assets divided by current liabilities;
b) current assets divided by total debt;
c) current assets less inventory, divided by total liabilities;
d) current assets less inventory, divided by current liabilities;
e) none of the above.

Question 11.1.5:
Return on sales, return on assets and return on equity are examples of:
a) liquidity ratios;
b) profitability ratios;
c) debt ratios;
d) efficiency ratios;
e) market-related ratios.

Question 11.1.6:
Return on assets is defined as:
a) operating income divided by owners' equity;
b) operating income divided by sales;
c) operating income divided by total assets;
d) operating income divided by long-term assets plus debt;
e) none of the above.

Question 11.1.7:
Net income divided by shareholders' equity is the definition of:
a) return on sales;
b) return on assets;
c) return on equity;
d) asset turnover;
e) none of the above.

Question 11.1.8:
The debt to equity ratio measures;
a) the likelihood of the company going bankrupt in the short term;
b) the efficiency of the company;
c) the relative proportions of debt and equity in the capital structure;
d) liquidity;
e) none of the above.

Question 11.1.9:
The interest cover ratio measures:
a) the leverage of the company;
b) the efficiency of debt;
c) the weighted average cost of capital;
d) the relationship between interest and profit;
e) none of the above.

## Question 11.1.10:

Total asset turnover, receivables turnover and inventory turnover ratios measure:
a) liquidity;
b) profitability;
c) efficiency;
d) debt;
e) market related factors.

Question 11.1.11:
The receivables turnover ratio is defined as:
a) sales divided by receivables;
b) receivables divided by sales;
c) receivables divided by one days' sales;
d) receivables plus bad debt allowances.
e) none of the above.

Question 11.1.12:
To measure the efficiency with which inventory is used the following ratio should be used:
a) inventory turnover ratio;
b) inventory holding period;
c) lower of cost or market valuation of inventory;
d) a or b, but not c;
e) $\quad a, b$ or $c$.

Question 11.1.13:
Earnings per share is affected by:
a) net income;
b) number of shares;
c) dividends;
d) a \& b, but not c;
e) $a, b \& c$.

Question 11.1.14:
The price to earnings ratio measures:
a) the rationality of the stock market;
b) the liquidity of the company;
c) the public's perception of the company;
d) the ethics of the company;
e) none of the above.

Question 11.1.15:
The dividend cover ratio is defined as:
a) dividend divided by net income;
b) dividend less interest paid and taxes;
c) operating income divided by dividend;
d) net income divided by dividend;
e) none of the above.

Question 11.1.16.
Which of the following is considered a profitability measure?
a. Days sales in inventory
b. Fixed asset turnover
c. Price-earnings ratio
d. Cash coverage ratio
e. Return on Assets

Question: 11.1.17:
Firm A has a Return on Equity (ROE) equal to $24 \%$, while firm B has an ROE of $15 \%$ during the same year. Both firms have a Leverage Ratio equal to 0.8. Firm $A$ has an asset turnover ratio of 0.9 , while firm $B$ has an asset turnover ratio equal to 0.4. From this we know that
a. Firm $A$ has a higher profit margin than firm $B$
b. Firm $B$ has a higher profit margin than firm $A$
c. Firm $A$ and $B$ have the same profit margin
d. Firm $A$ has a higher equity multiplier than firm $B$
e. You need more information to say anything about the firm's profit margin

## Part 2: Applications:

Question 11.2.1:
Minden Co has current assets that consist of cash: $\$ 20,000$, receivables:
$\$ 70,000$ and inventory: $\$ 90,000$. Current liabilities are $\$ 75,000$. The current ratio is:
a) 2.4:1;
b) 2.2:1;
c) 2.0:1;
d) 1.8:1:
e) none of the above.

Question 11.2.2:
Minden Co has current assets that consist of cash: $\$ 20,000$, receivables:
$\$ 70,000$ and inventory: $\$ 90,000$. Current liabilities are $\$ 75,000$. The quick ratio is:
a) 1.7:1:
b) $1.2: 1$ :
c) 1.0:1;
d) $0.8: 1$
e) none of the above.

## Question 11.2.3:

Minden Co has current assets that consist of cash: $\$ 20,000$, receivables:
$\$ 70,000$ and inventory: $\$ 90,000$. Current liabilities are $\$ 75,000$. On the basis of the current ratio and the quick ratio, Minden Co is:
a) highly illiquid;
b) somewhat illiquid;
c) adequately liquid;
d) excessively liquid;
e) none of the above.

Question 11.2.4:
Minden Co has sales of $\$ 500,000$, operating profit of $\$ 50,000$, interest expense of $\$ 10,000$, tax expense of $\$ 20,000$, total equity of $\$ 125,000$ and total debt of $\$ 275,000$. Their return on sales is:
a) $8.0 \%$;
b) $10.0 \%$;
c) $12.5 \%$;
d) $16.0 \%$;
e) $20.0 \%$.

Question 11.2.5:
Minden Co has sales of $\$ 500,000$, operating profit of $\$ 50,000$, interest expense of $\$ 10,000$, tax expense of $\$ 20,000$, total equity of $\$ 125,000$ and total debt of $\$ 275,000$. Their return on assets is:
a) $8.0 \%$;
b) $10.0 \%$;
c) $12.5 \%$;
d) $16.0 \%$;
e) $20.0 \%$.

Question 11.2.6:
Minden Co has sales of $\$ 500,000$, operating profit of $\$ 50,000$, interest expense of $\$ 10,000$, tax expense of $\$ 20,000$, total equity of $\$ 125,000$ and total debt of $\$ 275,000$. Their return on equity is:
a) $8.0 \%$;
b) $10.0 \%$;
c) $12.5 \%$;
d) $16.0 \%$;
e) $20.0 \%$.

Question 11.2.7:
Minden Co has sales of $\$ 500,000$, operating profit of $\$ 50,000$, interest expense of $\$ 10,000$, tax expense of $\$ 20,000$, total equity of $\$ 125,000$ and total debt of $\$ 275,000$. Their return on equity in comparison to their return on assets is:
a) roa is higher than roe because of leverage;
b) roa is lower than roe because of leverage;
c) roa is the same as roe;
d) they are both related to the return on sales;
e) none of the above.

Question 11.2.8:
Minden Co has sales of $\$ 500,000$, operating profit of $\$ 50,000$, interest expense of $\$ 10,000$, tax expense of $\$ 20,000$, total equity of $\$ 125,000$ and total debt of $\$ 275,000$. Their debt to assets ratio is:
a) $50.00 \%$;
b) $65.00 \%$;
c) $68.75 \%$;
d) $220.00 \%$;
e) none of the above.

Question 11.2.9:
Minden Co has sales of $\$ 500,000$, operating profit of $\$ 50,000$, interest expense of $\$ 10,000$, tax expense of $\$ 20,000$, total equity of $\$ 125,000$ and total debt of $\$ 275,000$. On the basis of the debt to equity ratio, Minded would be considered to have:
a) too much debt, making it a risky company to invest in;
b) just enough debt;
c) too little debt, making it a risky company to invest in;
d) too little debt, making it a low profitability investment;
e) none of the above.
f)

Question 11.2.10:
Minden Co has sales of $\$ 500,000$, operating profit of $\$ 50,000$, interest expense of $\$ 10,000$, tax expense of $\$ 20,000$, total equity of $\$ 125,000$ and total debt of $\$ 275,000$. The debt carries interest @ $5 \%$ per annum. The interest cover ratio is:
a) $5 X$;
b) $3 X$;
c) $2 X$;
d) 1.5 X ;
e) none of the above.

Question 11.2.11:
Minden Co has current assets of \$180,000 (cash: \$20,000, accounts receivable: $\$ 70,000$, inventory: $\$ 90,000$ ), and long-term assets that had cost $\$ 400,000$, with accumulated depreciation to date of $\$ 180,000$. Sales were $\$ 500,000$, and operating profit was $\$ 50,000$. Tax was $\$ 20,00$ and interest paid was $\$ 10,000$. Their receivables turnover ratio was:
a) $10.2 X$;
b) $\quad 9.4 X$;
c) 7.1 X ;
d) 5.6X;
e) none of the above.

Question 11.2.12:
Minden Co has current assets of \$180,000 (cash: \$20,000, accounts receivable: $\$ 70,000$, inventory: $\$ 90,000$ ), and long-term assets that had cost $\$ 400,000$, with accumulated depreciation to date of $\$ 180,000$. Sales were $\$ 500,000$, and operating profit was $\$ 50,000$. Tax was $\$ 20,00$ and interest paid was $\$ 10,000$.
Their inventory holding period (to the nearest day) was:
a) 66 days;
b) 51 days;
c) 46 days;
d) 32 days;
e) none of the above.

Question 11.2.13:
Minden Co has current assets of \$180,000 (cash: \$20,000, accounts receivable: $\$ 70,000$, inventory: $\$ 90,000$ ), and long-term assets that had cost $\$ 400,000$, with accumulated depreciation to date of $\$ 180,000$. Sales were $\$ 500,000$, and operating profit was $\$ 50,000$. Tax was $\$ 20,00$ and interest paid was $\$ 10,000$. If Minded changed to a policy of just-in-time inventory management, their inventory turnover ratio would:
a) decrease;
b) stay the same;
c) increase;
d) there is insufficient information;
e) none of the above.

Question 11.2.14:
Minden Co has current assets of \$180,000 (cash: \$20,000, accounts receivable: $\$ 70,000$, inventory: $\$ 90,000$ ), and long-term assets that had cost $\$ 400,000$, with accumulated depreciation to date of $\$ 180,000$. Sales were $\$ 500,000$, and operating profit was $\$ 50,000$. Tax was $\$ 20,00$ and interest paid was $\$ 10,000$. Their total asset turnover ratio is:
a) 1.00 X ;
b) $1.25 X$;
c) 1.500X;
d) 2.3 X ;
e) none of the above.

Question 11.2.15:
Minden Co has current assets of \$180,000 (cash: \$20,000, accounts receivable: $\$ 70,000$, inventory: $\$ 90,000$ ), and long-term assets that had cost $\$ 400,000$, with accumulated depreciation to date of $\$ 180,000$. Sales were $\$ 500,000$, and operating profit was $\$ 50,000$. Tax was $\$ 20,00$ and interest paid was $\$ 10,000$. a dividend of $\$ 10,000$ was paid to the common shareholders. There are 1,000 shares in issue. Their earnings per share are:
a) $\$ 1$ :
b) $\$ 2$;
c) $\$ 10$;
d) $\$ 20$;
e) none of the above.

Question 11.2.16:
Minden Co has current assets of $\$ 180,000$ (cash: $\$ 20,000$, accounts receivable: $\$ 70,000$, inventory: $\$ 90,000$ ), and long-term assets that had cost $\$ 400,000$, with accumulated depreciation to date of $\$ 180,000$. Sales were $\$ 500,000$, and operating profit was $\$ 50,000$. Tax was $\$ 20,00$ and interest paid was $\$ 10,000$. a dividend of $\$ 10,000$ was paid to the common shareholders. There are 1,000 shares in issue. Their dividend cover ratio is:
a) $5 X$;
b) $3 x$;
c) $2.5 X$;
d) 2 X ;
e) none of the above.

Question 11.2.17:
Minden Co has current assets of \$180,000 (cash: \$20,000, accounts receivable: $\$ 70,000$, inventory: $\$ 90,000$ ), and long-term assets that had cost $\$ 400,000$, with accumulated depreciation to date of $\$ 180,000$. Sales were $\$ 500,000$, and operating profit was $\$ 50,000$. Tax was $\$ 20,00$ and interest paid was $\$ 10,000$. a dividend of $\$ 10,000$ was paid to the common shareholders. There are 1,000 shares in issue, and the share price is $\$ 240$ per share. The price to earnings ratio is:
a) $24 X$;
b) 12 X ;
c) $10 X$;
d) 8 X ;
e) none of the above.

## ANSWERS

Part 1: Theory \& Definitions:
Question 11.1.1:
Five areas that financial ratios concentrate on are:
a) liquidity, profitability, debt, efficiency, market related;
b) profitability, strategy, liquidity, auditing, share prices;
c) liquidity, current ratio, quick ratio, interest cover, dividend cover;
d) market related, share prices, dividend policy, debt policy, strategy;
e) none of the above.

Question 11.1.2:
Ratios that measure the ability of the company to pay its short-term debts are called:
a) debt ratios;
b) cover ratios;
c) liquidity ratios;
d) profitability ratios;
e) none of the above.

Question 11.1.3:
Current assets divided by current liabilities is the definition of the:
a) interest cover ratio;
b) dividend cover ratio;
c) quick ratio;
d) current ratio;
e) none of the above.

Question 11.1.4:
The quick ratio is defined as:
a) current assets divided by current liabilities;
b) current assets divided by total debt;
c) current assets less inventory, divided by total liabilities;
d) current assets less inventory, divided by current liabilities;
e) none of the above.

Question 11.1.5:
Return on sales, return on assets and return on equity are examples of:
a) liquidity ratios;
b) profitability ratios;
c) debt ratios;
d) efficiency ratios;
e) market-related ratios.

Question 11.1.6:
Return on assets is defined as:
a) operating income divided by owners' equity;
b) operating income divided by sales;
c) operating income divided by total assets;
d) operating income divided by long-term assets plus debt;
e) none of the above.

Question 11.1.7:
Net income divided by shareholders' equity is the definition of:
a) return on sales;
b) return on assets;
c) return on equity;
d) asset turnover;
e) none of the above.

Question 11.1.8:
The debt to equity ratio measures;
a) the likelihood of the company going bankrupt in the short term;
b) the efficiency of the company;
c) the relative proportions of debt and equity in the capital structure;
d) liquidity;
e) none of the above.

Question 11.1.9:
The interest cover ratio measures:
a) the leverage of the company;
b) the efficiency of debt;
c) the weighted average cost of capital;
d) the relationship between interest and profit;
e) none of the above.

Question 11.1.10:
Total asset turnover, receivables turnover and inventory turnover ratios measure:
a) liquidity;
b) profitability;
c) efficiency;
d) debt;
e) market related factors.

Question 11.1.11:
The receivables turnover ratio is defined as:
a) sales divided by receivables;
b) receivables divided by sales;
c) receivables divided by one days' sales;
d) receivables plus bad debt allowances.
e) none of the above.

Question 11.1.12:
To measure the efficiency with which inventory is used the following ratio should be used:
a) inventory turnover ratio;
b) inventory holding period;
c) lower of cost or market valuation of inventory;
d) a or b, but not c;
e) $\quad a, b$ or $c$.

Question 11.1.13:
Earnings per share is affected by:
a) net income;
b) number of shares;
c) dividends;
d) $a \&$ b, but not $\mathbf{c}$;
e) $a, b \& c$.

Question 11.1.14:
The price to earnings ratio measures:
a) the rationality of the stock market;
b) the liquidity of the company;
c) the public's perception of the company;
d) the ethics of the company;
e) none of the above.

Question 11.1.15:
The dividend cover ratio is defined as:
a) dividend divided by net income;
b) dividend less interest paid and taxes;
c) operating income divided by dividend;
d) net income divided by dividend;
e) none of the above.

Question 11.1.16.
Which of the following is considered a profitability measure?
a. Days sales in inventory
b. Fixed asset turnover
c. Price-earnings ratio
d. Cash coverage ratio
e. Return on Assets

## Question: 11.1.17:

Firm A has a Return on Equity (ROE) equal to $24 \%$, while firm B has an ROE of $15 \%$ during the same year. Both firms have a Leverage Ratio equal to 0.8. Firm A has an asset turnover ratio of 0.9 , while firm $B$ has an asset turnover ratio equal to 0.4. From this we know that
a. Firm $A$ has a higher profit margin than firm $B$
b. Firm $B$ has a higher profit margin than firm $A$
c. Firm $A$ and $B$ have the same profit margin
d. Firm $A$ has a higher equity multiplier than firm $B$
e. You need more information to say anything about the firm's profit margin

## Part 2: Applications:

Question 11.2.1:
Minden Co has current assets that consist of cash: $\$ 20,000$, receivables:
$\$ 70,000$ and inventory: $\$ 90,000$. Current liabilities are $\$ 75,000$. The current ratio is:
a) $2.4: 1 ;((\$ 20,000+\$ 70,000+\$ 90,000) / \$ 75,000=2.4)$
b) $2.2: 1$;
c) $2.0: 1$;
d) 1.8:1:
e) none of the above.

Question 11.2.2:
Minden Co has current assets that consist of cash: $\$ 20,000$, receivables:
$\$ 70,000$ and inventory: $\$ 90,000$. Current liabilities are $\$ 75,000$. The quick ratio is:
a) 1.7:1:
b) 1.2:1: $\quad((\$ 20,000+\$ 70,000) / \$ 75,000=1.2: 1)$
c) 1.0:1;
d) $0.8: 1$
e) none of the above.

Question 11.2.3:
Minden Co has current assets that consist of cash: \$20,000, receivables: $\$ 70,000$ and inventory: $\$ 90,000$. Current liabilities are $\$ 75,000$. On the basis of the current ratio and the quick ratio, Minden Co is:
a) highly illiquid;
b) somewhat illiquid;
c) adequately liquid; ( $\mathbf{C R}>2: 1, \mathrm{QR}>1: 1$ )
d) excessively liquid;
e) none of the above.

Question 11.2.4:
Minden Co has sales of $\$ 500,000$, operating profit of $\$ 50,000$, interest expense of $\$ 10,000$, tax expense of $\$ 20,000$, total equity of $\$ 125,000$ and total debt of $\$ 275,000$. Their return on sales is:
a) $8.0 \%$;
b) $\quad 10.0 \%$;
(\$50,000/\$500,000=10\%)
c) $12.5 \%$;
d) $16.0 \%$;
e) $20.0 \%$.

Question 11.2.5:
Minden Co has sales of $\$ 500,000$, operating profit of $\$ 50,000$, interest expense of $\$ 10,000$, tax expense of $\$ 20,000$, total equity of $\$ 125,000$ and total debt of $\$ 275,000$. Their return on assets is:
a) $8.0 \%$;
b) $10.0 \%$;
c) $12.5 \%$;
$(\$ 50,000 /(\$ 125,000+\$ 275,000)=12.5 \%)$
d) $16.0 \%$;
e) $20.0 \%$.

Question 11.2.6:
Minden Co has sales of $\$ 500,000$, operating profit of $\$ 50,000$, interest expense of $\$ 10,000$, tax expense of $\$ 20,000$, total equity of $\$ 125,000$ and total debt of $\$ 275,000$. Their return on equity is:
a) $8.0 \%$;
b) $10.0 \%$;
c) $12.5 \%$;
d) $16.0 \%$; $\quad((\$ 50,000-\$ 10,000-\$ 20,000) / \$ 125,000)=16 \%)$
e) $20.0 \%$.

Question 11.2.7:
Minden Co has sales of $\$ 500,000$, operating profit of $\$ 50,000$, interest expense of $\$ 10,000$, tax expense of $\$ 20,000$, total equity of $\$ 125,000$ and total debt of $\$ 275,000$. Their return on equity in comparison to their return on assets is:
a) roa is higher than roe because of leverage;
b) roa is lower than roe because of leverage;
c) roa is the same as roe;
d) they are both related to the return on sales;
e) none of the above.

Question 11.2.8:
Minden Co has sales of $\$ 500,000$, operating profit of $\$ 50,000$, interest expense of $\$ 10,000$, tax expense of $\$ 20,000$, total equity of $\$ 125,000$ and total debt of $\$ 275,000$. Their debt to assets ratio is:
a) $50.00 \%$;
b) $65.00 \%$;
c) $\quad \mathbf{6 8 . 7 5 \%}$;
$(\$ 275,000 /(\$ 275,000+\$ 125,000)=68.75 \%)$
d) $220.00 \%$;
e) none of the above.

Question 11.2.9:
Minden Co has sales of $\$ 500,000$, operating profit of $\$ 50,000$, interest expense of $\$ 10,000$, tax expense of $\$ 20,000$, total equity of $\$ 125,000$ and total debt of $\$ 275,000$. On the basis of the debt to equity ratio, Minded would be considered to have:
a) too much debt, making it a risky company to invest in; (\$275,000/\$125,000 = 220\% ( $>100 \%$ is risky))
b) just enough debt;
c) too little debt, making it a risky company to invest in;
d) too little debt, making it a low profitability investment;
e) none of the above.
f)

Question 11.2.10:
Minden Co has sales of $\$ 500,000$, operating profit of $\$ 50,000$, interest expense of $\$ 10,000$, tax expense of $\$ 20,000$, total equity of $\$ 125,000$ and total debt of $\$ 275,000$. The debt carries interest @ $5 \%$ per annum. The interest cover ratio is:
a) $\quad 5 X$;
b) $\quad 3 X ; \quad((\$ 50,000-\$ 20,000) / \$ 10,000=3 X)$
c) $2 X$;
d) 1.5 X ;
e) none of the above.

Question 11.2.11:
Minden Co has current assets of \$180,000 (cash: \$20,000, accounts receivable: $\$ 70,000$, inventory: $\$ 90,000$ ), and long-term assets that had cost $\$ 400,000$, with accumulated depreciation to date of $\$ 180,000$. Sales were $\$ 500,000$, and operating profit was $\$ 50,000$. Tax was $\$ 20,00$ and interest paid was $\$ 10,000$. Their receivables turnover ratio was:
a) $10.2 X$;
b) $\quad 9.4 \mathrm{X}$;
c) $\quad 7.1 \mathrm{X}$; $\quad(\$ 500,000 / \$ 70,000=7.1 \mathrm{X})$
d) 5.6 X ;
e) none of the above.

Question 11.2.12:
Minden Co has current assets of $\$ 180,000$ (cash: $\$ 20,000$, accounts receivable: $\$ 70,000$, inventory: $\$ 90,000$ ), and long-term assets that had cost $\$ 400,000$, with accumulated depreciation to date of $\$ 180,000$. Sales were $\$ 500,000$, and operating profit was $\$ 50,000$. Tax was $\$ 20,00$ and interest paid was $\$ 10,000$. Their inventory holding period (to the nearest day) was:
a) $\quad 66$ days; $\quad(\$ 90,000 * 365 / \$ 500,000=66$ days)
b) 51 days;
c) 46 days;
d) 32 days;
e) none of the above.

Question 11.2.13:
Minden Co has current assets of $\$ 180,000$ (cash: \$20,000, accounts receivable: $\$ 70,000$, inventory: $\$ 90,000$ ), and long-term assets that had cost $\$ 400,000$, with accumulated depreciation to date of $\$ 180,000$. Sales were $\$ 500,000$, and operating profit was $\$ 50,000$. Tax was $\$ 20,00$ and interest paid was $\$ 10,000$. If Minded changed to a policy of just-in-time inventory management, their inventory turnover ratio would:
a) decrease;
b) stay the same;
c) increase; (with zero inventory, t/o ratio is infinitely high)
d) there is insufficient information;
e) none of the above.

Question 11.2.14:
Minden Co has current assets of $\$ 180,000$ (cash: $\$ 20,000$, accounts receivable: $\$ 70,000$, inventory: $\$ 90,000$ ), and long-term assets that had cost $\$ 400,000$, with accumulated depreciation to date of $\$ 180,000$. Sales were $\$ 500,000$, and operating profit was $\$ 50,000$. Tax was $\$ 20,00$ and interest paid was $\$ 10,000$. Their total asset turnover ratio is:
a) 1.00X;
b) 1.25 X ;
$((\$ 500,000 /(\$ 180,000+\$ 400,000-\$ 220,000)=1.25 \mathrm{X})$
c) 1.500 X ;
d) 2.3 X ;
e) none of the above.

Question 11.2.15:
Minden Co has current assets of $\$ 180,000$ (cash: $\$ 20,000$, accounts receivable: $\$ 70,000$, inventory: $\$ 90,000$ ), and long-term assets that had cost $\$ 400,000$, with accumulated depreciation to date of $\$ 180,000$. Sales were $\$ 500,000$, and operating profit was $\$ 50,000$. Tax was $\$ 20,00$ and interest paid was $\$ 10,000$. a dividend of $\$ 10,000$ was paid to the common shareholders. There are 1,000 shares in issue. Their earnings per share are:
a) $\$ 1$ :
b) $\$ 2$;
c) $\$ 10$;
d) $\quad \$ 20 ; \quad(\$ 20,000 / 1,000$ shares $=\$ 20$ per share $)$
e) none of the above.

Question 11.2.16:
Minden Co has current assets of $\$ 180,000$ (cash: \$20,000, accounts receivable: $\$ 70,000$, inventory: $\$ 90,000$ ), and long-term assets that had cost $\$ 400,000$, with accumulated depreciation to date of $\$ 180,000$. Sales were $\$ 500,000$, and operating profit was $\$ 50,000$. Tax was $\$ 20,00$ and interest paid was $\$ 10,000$. a dividend of $\$ 10,000$ was paid to the common shareholders. There are 1,000 shares in issue. Their dividend cover ratio is:
a) $5 X$;
b) $3 X$;
c) 2.5 X ;
d) $2 \mathrm{X} ;((\$ 50,000-\$ 20,000-\$ 10,000) / \$ 10,000=2 \mathrm{X})$
e) none of the above.

Question 11.2.17:
Minden Co has current assets of $\$ 180,000$ (cash: $\$ 20,000$, accounts receivable: $\$ 70,000$, inventory: $\$ 90,000$ ), and long-term assets that had cost $\$ 400,000$, with accumulated depreciation to date of $\$ 180,000$. Sales were $\$ 500,000$, and operating profit was $\$ 50,000$. Tax was $\$ 20,00$ and interest paid was $\$ 10,000$. a dividend of $\$ 10,000$ was paid to the common shareholders. There are 1,000 shares in issue, and the share price is $\$ 240$ per share. The price to earnings ratio is:
a) $24 X$;
b) $\quad 12 \mathrm{X}$; $\quad(\$ 240 / \$ 20 \mathrm{EPS}=12 \mathrm{X})$
c) 10X;
d) 8 X ;
e) none of the above.

