

## Time allowed

Reading and planning: 15 minutes
Writing: 3 hours

ALL FOUR questions are compulsory and MUST be attempted.

Do NOT open this paper until instructed by the supervisor.
During reading and planning time only the question paper may be annotated. You must NOT write in your answer booklet until instructed by the supervisor.

This question paper must not be removed from the examination hall.

## ALL FOUR questions are compulsory and MUST be attempted

1 Steven, Stephanie and Michael are in partnership. They have asked you to prepare their accounts for the year ended 31 May 2008. Unfortunately the partners have not maintained full accounting records. However, they know that during the year they made the following payments:

|  | $£$ |
| :--- | ---: |
| Suppliers | 270,000 |
| Energy | 10,000 |
| Vehicle running expenses | 20,400 |
| Insurance | 8,000 |
| Carriage inwards | 7,500 |
| Advertising | 3,150 |
| Rent | 20,000 |
| Telephone | 5,750 |
| Stationery | $\underline{1,400}$ |
|  | $\underline{\underline{346,200}}$ |

The following balances at 1 June 2007 are available:

|  | $\begin{aligned} & \mathrm{Dr} \\ & £ \end{aligned}$ | $\begin{aligned} & \mathrm{Cr} \\ & £ \end{aligned}$ |
| :---: | :---: | :---: |
| Capital accounts: Steven |  | 50,000 |
| Stephanie |  | 50,000 |
| Michael |  | 25,000 |
| Current accounts: Steven |  | 23,000 |
| Stephanie |  | 21,000 |
| Michael |  | 18,000 |
| Cash at bank | 15,000 |  |
| Stock | 35,000 |  |
| Trade creditors |  | 18,000 |
| Trade debtors | 61,500 |  |
| Vehicles at cost | 40,000 |  |
| Equipment at cost | 80,000 |  |
| Accumulated depreciation |  |  |
| Vehicles |  | 12,000 |
| Equipment |  | 16,000 |
| Accrual for energy |  | 2,500 |
| Prepayment for rent | 4,000 |  |
|  | 235,500 | 235,500 |

## Additional Information

(i) $£ 14,000$ was owed to suppliers as at 31 May 2008.
(ii) Insurance of $£ 1,000$ was paid in advance at 31 May 2008.
(iii) Receipts from customers were $£ 500,000$ and there was $£ 50,000$ outstanding from credit customers at 31 May 2008.
(iv) During the year bad debts of $£ 17,000$ were written off.
(v) Settlement discounts of $£ 8,000$ were given to credit customers.
(vi) An invoice for $£ 2,600$ relating to energy expenses was unpaid at 31 May 2008.
(vii) Stock as at 31 May 2008 was valued at $£ 23,000$.
(viii) Cash drawings during the year were: Steven $£ 60,000$; Stephanie $£ 45,000$; Michael $£ 25,000$.
(ix) Depreciation on vehicles is to be provided at $20 \%$ of written down value.
(x) Depreciation on equipment is to be provided at $25 \%$ on original cost.
(xi) Interest on drawings is to be charged as follows: Steven $£ 1,500$; Stephanie $£ 1,000$; Michael $£ 500$.
(xii) Interest on capital account balances is to be allowed at $10 \%$.
(xiii) Steven, Stephanie and Michael have an agreement to share profits in the ratio 2:2:1.

## Required:

Prepare the following for the partnership:
(a) the profit and loss account and appropriation account for the year ended 31 May 2008;
(22 marks)
(b) the partners' current accounts for the year ended 31 May 2008; and (6 marks)
(c) the balance sheet as at 31 May 2008.

2 Traffold Ltd is preparing its cash flow statement for the year ended 31 May 2008.


## Additional information

(i) Dividends paid during the year were $£ 1,540,000$.
(ii) There were no amounts outstanding in respect of interest payable or receivable as at either year end.
(iii) Total depreciation for the year was $£ 1,487,000$.
(iv) The only revaluation of fixed assets was of a piece of freehold land.
(v) During the year, the company sold equipment for $£ 766,000$ realising a profit of $£ 66,000$.

## Required:

(a) Prepare a cash flow statement for Traffold Ltd for the year ended 31 May 2008 in accordance with FRS 1 - Cash Flow Statements, using the indirect method.
(b) Comment on the financial position of Traffold Ltd as shown by the cash flow statement you have prepared.
(7 marks)
(25 marks)

3 Derwent Ltd has a total share capital of 5,000,000 ordinary shares of $£ 1$ each. On 1 June 2005, Keswick Ltd acquired $80 \%$ of the ordinary shares in Derwent Ltd for $£ 4,750,000$. At that time, Derwent Ltd had reserves of £500,000.

The summarised draft profit and loss accounts of Keswick Ltd and Derwent Ltd for the year ended 31 May 2008 are provided below.

Profit and loss accounts for the year ended 31 May 2008

|  | Keswick Ltd $£ 000$ | $\begin{aligned} & \text { Derwent Ltd } \\ & £ 000 \end{aligned}$ |
| :---: | :---: | :---: |
| Turnover | 8,400 | 3,200 |
| Cost of sales | $(4,600)$ | $(1,700)$ |
| Gross profit | 3,800 | 1,500 |
| Distribution costs | $(1,500)$ | (510) |
| Administrative costs | (900) | (450) |
| Operating profit | 1,400 | 540 |
| Dividend received from Derwent Ltd | 200 | - |
| Profit before tax | 1,600 | 540 |
| Tax | (600) | (140) |
| Net profit after tax | 1,000 | 400 |

Additional information
(i) During the year ended 31 May 2008 Keswick Ltd sold goods costing $£ 1,000,000$ to Derwent Ltd for $£ 1,500,000$. At 31 May 2008, 30\% of these goods remained in Derwent Ltd's stock.
(ii) At 31 May 2007 Keswick Ltd valued the goodwill arising from the acquisition of Derwent Ltd at $£ 250,000$. After amortisation, the goodwill amounted to $£ 170,000$.

## Required:

(a) Calculate the goodwill arising on the acquisition of Derwent Ltd on 1 June 2005.
(b) Prepare the consolidated profit and loss account for Keswick Ltd for the year ended 31 May 2008.
(10 marks)
(c) Identify two circumstances when a company owning $50 \%$ or less of the shares of an entity will still be deemed to have control of the entity.

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Question 4 starts on page 8.

4 Janet owns some shares in a company. She has received the most recent financial statements that the company has produced, which are shown below. You have agreed to prepare an analysis of the financial performance and liquidity of the company for her.
Quadrop Ltd
Profit and loss accounts for the year ended 31 May

|  | 2008 |  | 2007 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | £000 | £000 | £000 | £000 |
| Sales |  | 1,886 |  | 1,150 |
| Cost of sales |  | (940) |  | (680) |
| Gross profit |  | 946 |  | 470 |
| Administration costs | (349) |  | (223) |  |
| Distribution costs | (185) |  | (115) |  |
| Interest payable | (68) |  | (13) |  |
|  |  | (602) |  | (351) |
| Net profit before tax |  | 344 |  | 119 |
| Taxation |  | (95) |  | (55) |
| Net profit after tax |  | 249 |  | 64 |

## Balance sheets as at 31 May

|  | 2008 |  | 2007 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | £000 | £000 | £000 | £000 |
| Fixed Assets |  |  |  |  |
| Tangible fixed assets |  | 950 |  | 530 |
| Intangibles |  | 400 |  | - |
|  |  | 1,350 |  | 530 |
| Current assets |  |  |  |  |
| Stock | 240 |  | 130 |  |
| Debtors | 165 |  | 85 |  |
| Bank | - |  | 300 |  |
|  | 405 |  | 515 |  |
| Creditors: amounts falling due within one year |  |  |  |  |
| Creditors | 187 |  | 145 |  |
| Taxation | 80 |  | 50 |  |
| Overdraft | 120 |  | - |  |
| Total equity and liabilities | 387 |  | 195 |  |
| Net current assets |  | 18 |  | 320 |
| Total assets less current liabilities |  | $\overline{1,368}$ |  | 850 |
| Creditors amounts falling due after one year |  |  |  |  |
| Debentures |  | (650) |  | (150) |
|  |  | 718 |  | 700 |
| Capital and reserves |  |  |  |  |
| Ordinary share capital |  | 400 |  | 400 |
| Share premium |  | 150 |  | 150 |
| Revaluation reserve |  | 50 |  | 50 |
| Profit and loss reserve |  | 118 |  | 100 |
| Total equity |  | 718 |  | 700 |

## Required:

(a) Calculate six accounting ratios for 2007 and 2008, which could be used to analyse the financial performance and liquidity of Quadrop Ltd. State the formulas used for calculating the ratios. (9 marks)
(b) Using the ratios you have calculated in part (a) comment on the performance and liquidity of Quadrop Ltd.
(c) What additional information about Quadrop Ltd would help you to interpret the ratios?

End of Question Paper

