Cambridge
International
AS \& A Level

## Cambridge Assessment International Education

Cambridge International Advanced Subsidiary and Advanced Level


NAME

## CENTRE

 NUMBER

CANDIDATE NUMBER


## ACCOUNTING

9706/22
Paper 2 Structured Questions
February/March 2019
1 hour 30 minutes
Candidates answer on the Question Paper.
No Additional Materials are required.

## READ THESE INSTRUCTIONS FIRST

Write your centre number, candidate number and name on all the work you hand in.
Write in dark blue or black pen.
You may use an HB pencil for rough working.
Do not use staples, paper clips, glue or correction fluid.
DO NOT WRITE IN ANY BARCODES.

Answer all questions.
All accounting statements are to be presented in good style.
International accounting terms and formats should be used as appropriate.
Workings must be shown.
You may use a calculator.

At the end of the examination, fasten all your work securely together.
The number of marks is given in brackets [ ] at the end of each question or part question.

1 The following balances were extracted from the books of K Limited at 30 September 2018.

|  | $\begin{aligned} & \text { Debit } \\ & \$ 000 \end{aligned}$ | $\begin{aligned} & \text { Credit } \\ & \$ 000 \end{aligned}$ |
| :---: | :---: | :---: |
| 8\% Debentures (2022-2024) |  | 75 |
| Administrative expenses | 42 |  |
| Cash and cash equivalents |  | 11 |
| Cost of sales | 587 |  |
| Debenture interest | 3 |  |
| Distribution costs | 46 |  |
| Dividends paid | 60 |  |
| ```Equipment cost provision for depreciation at 1 October 2017``` | 90 | 30 |
| Land and buildings cost provision for depreciation at 1 October 2017 | 980 | 135 |
| Inventory at 30 September 2018 Issued share capital: ordinary shares of $\$ 0.50$ each | 19 | 450 |
| Retained earnings at 1 October 2017 |  | 106 |
| Revenue |  | 936 |
| Share premium |  | 90 |
| Trade payables |  | 35 |
| Trade receivables | 41 |  |

The following information is also available.
1 Administrative expenses includes a payment, $\$ 9000$, for insurance for the three months ended 30 November 2018.

2 Carriage inwards of $\$ 3000$ had been included in distribution costs.
3 Land and buildings includes land at a cost of $\$ 260000$.
4 The company's depreciation policy is as follows:

| Equipment | $20 \%$ per annum using the reducing <br> balance method | Charged to distribution costs |
| :---: | :---: | :---: |
| Buildings | $2112 \%$ per annum using the <br> straight-line method | Charged to administrative expenses |
| Land | No depreciation |  |

## REQUIRED

(a) Prepare the income statement for the year ended 30 September 2018.

K Limited
Income statement for the year ended 30 September 2018

|  | $\$ 000$ |
| :--- | :--- |
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Workings:

## Additional information

During the year ended 30 September 2018 the directors had made a rights issue of 1 ordinary share for every 2 shares held at a price of $\$ 0.70$ per share. The issue was fully subscribed and had been recorded in the books of account.

## REQUIRED

(b) Prepare the statement of changes in equity for the year ended 30 September 2018.

|  | Share <br> capital <br> $\$ 000$ | Share <br> premium <br> $\$ 000$ | Retained <br> earnings <br> $\$ 000$ | Total |
| :--- | :--- | :--- | :--- | :--- |
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Workings:

## Additional information

The directors wish to raise additional finance. They are considering making either a further rights issue of ordinary shares or issue another debenture.

## REQUIRED

(c) Advise the directors which option they should choose. Justify your answer.
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## Additional information

The directors have provided the following information:

|  | Year ended <br> 30 September <br> 2018 | Year ended <br> 30 September <br> 2017 | Industry <br> average for <br> both years |
| :--- | :---: | :---: | :---: |
| Trade payables turnover | 29 days | 35 days | 34 days |
| Trade receivables turnover | 39 days | 31 days | 32 days |

## REQUIRED

(d) Analyse the effect that the changes in each of these ratios had on the company's liquidity using all the available information.
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(e) State three ways in which a business could reduce trade receivables turnover.

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2 $\qquad$
$\qquad$

3 $\qquad$
(f) State three drawbacks of increasing trade payables turnover.

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$\qquad$

2
$\qquad$
3 $\qquad$

Question 2 is on the next page.

2 Mira, Sasha and Peta have been trading as a partnership.
They share profits and losses in the ratio of $2: 2: 1$ respectively. The partnership ceased trading on 31 January 2019.

## REQUIRED

(a) State four reasons why a partnership may be dissolved.

1
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2 $\qquad$
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3
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4 $\qquad$
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## Additional information

The following information is available on dissolution of partnership.
1
Mira, Sasha and Peta
Statement of financial position at 31 January 2019

|  | \$ |
| :---: | :---: |
| Assets |  |
| Non-current assets |  |
| Fixtures and fittings | 45200 |
| Motor vehicles | 22000 |
|  | 67200 |
| Current assets |  |
| Inventory | 20600 |
| Trade receivables | 42800 |
|  | 63400 |
| Total assets | 130600 |
| Capital and liabilities |  |
| Capital accounts |  |
| Mira | 45500 |
| Sasha | 42800 |
| Peta | 14000 |
|  | 102300 |
| Current liabilities |  |
| Trade payables | 26400 |
| Bank overdraft | 1900 |
|  | 28300 |
| Total capital and liabilities | 130600 |

2 Sasha took a motor vehicle at an agreed valuation of $\$ 4500$. The remaining non-current assets were sold for $\$ 64300$.

3 Inventory was sold for $\$ 19800$.
4 Received $\$ 40500$ from trade receivables.
5 Trade payables were paid $\$ 26000$.
6 The costs of dissolution were $\$ 3700$.

## REQUIRED

(b) Prepare the partnership realisation account.
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(c) Prepare, on the next page, the partners' capital accounts on dissolution.
Mira, Sasha and Peta

(d) Prepare the final bank account to show the closure of the partnership.
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(e) Suggest two reasons why the trade receivables did not pay the full amount they owed. 1
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$\qquad$
2
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3 Noor, a sole trader, was preparing her business's financial statements for the year ended 31 December 2018.

The following information is available.
At 1 January 2018
$\begin{array}{ll} & \$ \\ \text { General expenses prepaid } & 480\end{array}$
During the year ended 31 December 2018
General expenses paid
\$
Insurance premiums paid 6480
Rent received 5460

## At 31 December 2018

1 General expenses, \$1210, were due but unpaid.
2 Insurance premiums paid included $\$ 630$ covering the six months ended 31 January 2019.
3 Rent receivable of $\$ 1200$ for the three months ended 28 February 2019 had not yet been received.

4 Inventory had been valued at a cost of $\$ 11400$. However, it included several damaged items which had a selling price of $\$ 840$. All goods are sold with a mark-up of $50 \%$. The damaged items could be sold but would require repairs costing $\$ 360$.

## REQUIRED

(a) Calculate the amount to be recorded in the income statement for the year ended 31 December 2018 for each of the following items.
(i) General expenses
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$\qquad$
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$\qquad$
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(ii) Insurance
$\qquad$
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$\qquad$
(iii) Rent receivable
$\qquad$
$\qquad$
$\qquad$
$\qquad$
(iv) Closing inventory
$\qquad$
$\qquad$
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$\qquad$
$\qquad$

## Additional information

Noor's policy is to maintain a provision for doubtful debts at $5 \%$ of trade receivables at the end of the financial year.

## REQUIRED

(b) State two accounting concepts which are applied when recording a provision for doubtful debts.

1 $\qquad$
2

## Additional information

At 31 December 2017 Noor's trade receivables were $\$ 34200$ after deducting the provision for doubtful debts.

At 31 December 2018 total trade receivables were $\$ 37200$. This total included the accounts of the following two credit customers.

|  | $\$$ |
| :--- | :---: |
| MN Limited | 680 |
| S Wells | 360 |

Noor decided to write off these two accounts. She will maintain her provision for doubtful debts at $5 \%$ of trade receivables.

## REQUIRED

(c) Calculate the increase or decrease in the provision for doubtful debts at 31 December 2018.
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4 W Limited operates a system of marginal costing. The company makes two products, Product A and Product B. The directors provided the following budgeted information for a year.

|  | Product A | Product B |
| :--- | :---: | :---: |
| Production and sales (units) | 10000 | 6000 |
|  | $\$$ | $\$$ |
| Allocated fixed overheads | 130000 | 120000 |
| Per unit |  |  |
| selling price | 60 | 80 |
| direct material | 14 | 16 |
| direct labour | 15 | 21 |
| variable overheads | 10 | 15 |

## REQUIRED

(a) Prepare a statement for the year to show:
the budgeted total contribution for each product the budgeted total profit for each product the budgeted total profit.

|  | Product A <br> $\$$ | Product B <br> $\$$ | Total <br> $\$$ |
| :--- | :---: | :---: | :---: |
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## Additional information

Included in the allocated fixed overheads is rental of machinery at a cost of $\$ 100000$ a year. This cost is allocated 75\% to Product A and 25\% to Product B.

The directors are now considering two options.
Option 1: Continue with the existing machinery rental on the same terms.
Option 2: Taking out a new rental agreement for new machinery. The new rental agreement would consist of a fixed fee of $\$ 28000$ a year plus $\$ 4$ for each unit produced. The fixed fee would be split across the products in the same proportions as under the current agreement.

## REQUIRED

(b) Complete the following table to show the effect of Option 2.

|  | Product A | Product B | Total |
| :--- | :--- | :--- | :--- |
| Revised unit contribution |  |  |  |
| Revised allocated total <br> fixed overheads, total for <br> the year |  |  |  |
| Revised budgeted profit <br> for the year |  |  |  |
| Workings: |  |  |  |

(c) Advise the directors which option they should choose. Justify your answer using both financial and non-financial factors.
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(d) Explain how unit contribution can be used by a business manufacturing multiple products when there is a shortage of production materials.
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## (e) State two other uses of marginal costing to a business.

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2 $\qquad$ publisher will be pleased to make amends at the earliest possible opportunity.

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