## Location Entry Codes

As part of CIE's continual commitment to maintaining best practice in assessment, CIE uses different variants of some question papers for our most popular assessments with large and widespread candidature. The question papers are closely related and the relationships between them have been thoroughly established using our assessment expertise. All versions of the paper give assessment of equal standard.

The content assessed by the examination papers and the type of questions is unchanged.
This change means that for this component there are now two variant Question Papers, Mark Schemes and Principal Examiner's Reports where previously there was only one. For any individual country, it is intended that only one variant is used. This document contains both variants which will give all Centres access to even more past examination material than is usually the case.

The diagram shows the relationship between the Question Papers, Mark Schemes and Principal Examiners' Reports that are available.

| Question Paper |
| :--- |
| Introduction <br> First variant Question Paper <br> Second variant Question <br> Paper |



Principal Examiner's
Report

| Introduction |
| :--- |
| First variant Principal <br> Examiner's Report |
| Second variant Principal <br> Examiner's Report |

## Who can I contact for further information on these changes?

Please direct any questions about this to CIE's Customer Services team at: international@cie.org.uk

The titles for the variant items should correspond with the table above, so that at the top of the first page of the relevant part of the document and on the header, it has the words:

- First variant Question Paper / Mark Scheme / Principal Examiner’s Report
or
- Second variant Question Paper / Mark Scheme / Principal Examiner’s Report as appropriate.


UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS
General Certificate of Education
Advanced Subsidiary Level and Advanced Level

CANDIDATE
NAME
CENTRE
NUMBER


CANDIDATE NUMBER


## ACCOUNTING

Paper 2 Structured Questions
9706/21
May/June 2009
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 a soft pencil for rough working.
Do not use staples, paper clips, highlighters, glue or correction fluid.
DO NOT WRITE IN ANY BARCODES.
Answer all questions.
All accounting statements are to be presented in good style.
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.

| For Examiner's Use |  |
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| 2 |  |
| 3 |  |
| Total |  |

This document consists of $\mathbf{1 3}$ printed pages and $\mathbf{3}$ blank pages.

1 Suhail is a sole trader who provides the following information.
Suhail's assets and liabilities, other than bank, were as follows:

Premises at cost
Fixtures at book value
Vehicles at book value
Stock
Debtors
Cash Creditors

1 April 2008
\$
200000
24000 30000 82150 66340

510
64300

31 March 2009
\$
200000
18000
22500
76500
60870
510
71200

There were no purchases or sales of fixed assets during the year ended 31 March 2009.
A summary of Suhail's bank statement for the year ended 31 March 2009 is shown below.

|  | Dr | Cr | Balance |
| :--- | :---: | :---: | :---: |
|  | \$ | \$ | $\$$ |
| Bank balance at 1 April 2008 |  |  | 61000 overdrawn |
| Receipts from debtors |  | 841030 | 780030 |
| Payments to creditors | 605190 |  | 174840 |
| Rent and rates | 12590 |  | 162250 |
| Electricity | 17145 |  | 145105 |
| Advertising | 19325 |  | 125780 |
| Wages | 65100 |  | 60680 |
| Sales commission paid | 14250 | 46430 |  |
| Drawings | 28500 | 17930 |  |

Suhail's creditors had allowed him discount of $\$ 19000$ during the year.
All purchases and sales are on credit.

## REQUIRED

(a) Prepare Suhail's trading and profit and loss account for the year ended 31 March 2009.
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(b) Prepare Suhail's balance sheet at 31 March 2009.
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## Suhail's capital at 1 April 2007 was $\$ 250000$.

The following were Suhail's trading figures for the year ended 31 March 2008:

## \$

Sales
820000
Gross profit
161000
Expenses other than depreciation 102000
Drawings
22000
Depreciation was provided for as follows:
Fixtures, 20 \% straight line
Vehicles, $25 \%$ reducing balance.

## REQUIRED

(c) In order to compare Suhail's performance between the years ended 31 March 2008 and 31 March 2009, calculate, to two decimal places:
(i) two profitability ratios;
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(ii) two liquidity ratios.
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(iii) Using the ratios calculated in (c)(i) and (ii), comment briefly on Suhail's performance over the two years.
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Question 2 is on the next page.

2 A During the year ended 31 March 2007 Jeremiah lost money through customers not paying the amounts due to him. On 1 April 2007 he set up a provision for doubtful debts account.

## REQUIRED

(a) (i) Give one reason why Jeremiah decided to set up this account.
$\qquad$
$\qquad$
$\qquad$
$\qquad$
(ii) Describe two factors Jeremiah might consider when deciding the amount to be provided for in the provision for doubtful debts account.
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(iii) Explain the difference between the accounting treatment of a bad debt and a doubtful debt.
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On 1 April 2008, Jeremiah's provision for doubtful debts account had a balance of $\$ 8000$. This consisted of an anticipated loss of $\$ 2500$ which was the total owed by a debtor, Uriah, who had been declared bankrupt, and a general provision of $\$ 5500$, which was $2 \frac{1}{2} \%$ of all of his debtors.

On 31 May 2008 Liew, who owed Jeremiah $\$ 1200$, paid Jeremiah only $\$ 0.40$ for every dollar owed. The remainder was written off as a bad debt.

On 30 June 2008, Uriah paid Jeremiah $\$ 0.35$ for every dollar owed, in final settlement of his account.

On 28 February 2009 Jeremiah wrote off $\$ 300$ of overdue debts from various debtors.
On 31 March 2009 Jeremiah's total debtors amounted to $\$ 205000$ and he adjusted his provision for doubtful debts account to $3 \%$ of that amount.

## REQUIRED

(b) Prepare in Jeremiah's ledgers the following accounts for the year ended 31 March 2009.
(i) Provision for doubtful debts account;
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(ii) Bad debts account.
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On 31 March 2009 Khalil, whose debt of $\$ 3000$ had been written off in 2007, after he unexpectedly left the country, returned and paid the amount due.

## REQUIRED

(iii) Prepare in Jeremiah's ledgers the bad debts recovered account for the year ended 31 March 2009.
$\qquad$
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B Lari, a retailer whose financial year ends on 31 May, failed to check his stock until 8 June in 2009. At that date his stock at cost was valued at $\$ 72$ 200. Lari's mark-up is $30 \%$ on cost.

During the first 8 days of June, the following transactions took place:

|  |  | $\$$ |
| :--- | :--- | ---: |
| (i) | Purchases of goods for resale | 21200 |
| (ii) | Purchases returns | 510 |
| (iii) | Sales | 25740 |
| (iv) | Sales returns (at selling price) | 273 |
| (v) | Goods taken for personal use, at cost | 700 |

After taking stock, Lari discovered that the following items had been included in the valuation at 8 June:
(vi) A parcel of stock which had been water-damaged. This had been on sale for $\$ 390$ but was now worthless.
(vii) Stock which had cost $\$ 1200$ but was now out of fashion and would have to be sold for $\$ 400$ less than cost.
(viii) Goods costing $\$ 950$ which Lari had acquired on a sale or return basis. He had not decided whether or not to keep them.
(ix) Goods, sold during May for $\$ 1560$, which were awaiting collection by a customer.

## REQUIRED

(a) Explain the difference between mark-up and margin.
$\qquad$
$\qquad$
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$\qquad$
(b) Prepare a statement to calculate the correct value of stock at cost at 31 May 2009. Begin your calculation with the original stock valuation of $\$ 72$ 200. Show all workings.
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3 Gala Sounds Ltd manufactures DVD players which sell for $\$ 80$ each. Production is 150000 units per annum, all of which are sold.

Unit costs at that level of production are:

|  | $\$$ |
| :--- | ---: |
| Direct materials | 40 |
| Direct labour | 8 |
| Variable overheads | 10 |
| Fixed overheads | 11 |

## REQUIRED

(a) Calculate one year's total profit or loss.
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The sales manager believes that if the selling price could be reduced to $\$ 75$ per unit, an additional 50000 units would be sold.

The existing production of 150000 units is based on a single day shift working a full day without overtime. The sales manager believes that an evening shift might also be introduced, using one-third of the number of workers employed on the day shift. This would mean that an annual total of 200000 units could be produced.

As a result of the changes, the following would take place:
1 To compensate for unsocial hours, evening shift workers will be paid an additional \$2 per unit.

2 Variable overheads for the evening shift increase by $10 \%$.
3 Economies of scale mean that a discount of $15 \%$ will be received on purchase of all direct materials.

4 Fixed costs increase by $\$ 1000000$.
All production will continue to be sold.

## REQUIRED

(b) Calculate the additional profit or loss on the introduction of the new shift system.
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Other factors need to be taken into consideration before introducing a new shift system.

## REQUIRED

(c) Discuss, briefly, three of these factors.
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UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS
General Certificate of Education
Advanced Subsidiary Level and Advanced Level

CANDIDATE NAME

## CENTRE NUMBER



## ACCOUNTING

9706/22
Paper 2 Structured Questions
May/June 2009
1 hour 30 minutes
Candidates answer on the Question Paper.
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|  |  | $\$$ |
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[Total: 30]

3 Alberta Limited produces one product, plates, for which the following information is available.

|  | \$ per unit |
| :--- | :---: |
| Selling price | 12.00 |
| Direct materials | 5.00 |
| Direct labour | 2.80 |
| Variable overheads | 2.20 |
|  |  |
| Total fixed costs (per annum) | $\$ 240000$ |
| Sales per annum (units) | 400000 |

## REQUIRED

(a) Using the information above, calculate the following:
(i) break-even point in units and sales value;
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(ii) profit for one year, clearly showing the contribution per unit;
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(iii) margin of safety in units and as a percentage of sales.
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Selling price
$\$ 240000$
Sales per annum (units) 400000

Alberta Limited is now considering extending the product range by adding two products, cups and saucers. The fixed costs would double to $\$ 480000$ if any new product was introduced.

The following information is available for the additional products.

|  | Cups | Saucers |
| :--- | :---: | :---: |
|  | $\$$ per unit | \$ per unit |
| Selling price | 18.00 | 26.00 |
| Direct materials | 7.20 | 14.00 |
| Direct labour | 4.80 | 4.20 |
| Variable overheads | 3.00 | 1.80 |
|  |  |  |
| Sales per annum (units) | 100000 | 60000 |

The current workforce is operating at full capacity in the production of the plates. There is, however, machine capacity available to undertake the production of both cups and saucers.

Alberta Limited extended their product range by adding both products.

## REQUIRED

(b) Calculate the maximum profit for one year that Alberta Limited could achieve if it was to produce plates, cups and saucers. Show the contribution per unit and total contribution for each product.
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## (c) Explain the implications for the local community if Alberta Limited decides to extend its product range.

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