



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

CANDIDATE  
 NAME

CENTRE  
 NUMBER

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**ACCOUNTING**

**9706/21**

Paper 2 Structured Questions

**October/November 2012**

**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.

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.

| For Examiner's Use |  |
|--------------------|--|
| <b>1</b>           |  |
| <b>2</b>           |  |
| <b>3</b>           |  |
| <b>Total</b>       |  |

This document consists of **13** printed pages and **3** blank pages.

- 1 Aziz has been in business for several years, but does not keep proper books of account. He provides you with the following list of balances for the financial year ended 30 June 2011.

For Examiner's Use

|                                | \$      |
|--------------------------------|---------|
| Motor vehicles (cost \$65 000) | 50 000  |
| Fixtures (cost \$48 000)       | 32 000  |
| Trade receivables              | 18 000  |
| Trade payables                 | 14 000  |
| Accrued expenses               | 500     |
| Inventory                      | 6 000   |
| Premises at cost               | 100 000 |

A summary of his receipts and payments for the year ended 30 June 2012 is as follows:

| Receipts                       | \$      | Payments                     | \$     |
|--------------------------------|---------|------------------------------|--------|
| Receipts from credit customers | 132 900 | Payments to credit suppliers | 88 600 |
| Sale of old motor vehicle      | 3 600   | Purchase of vehicle          | 15 000 |
| Cash sales                     | 6 600   | Expenses paid                | 17 400 |

At 30 June 2012 trade receivables were \$20 500 and trade payables were \$13 600.

**REQUIRED**

- (a) Calculate the purchase of goods for resale for the year ended 30 June 2012.

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(b) Calculate the total sales for the year ended 30 June 2012.

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Aziz earns a uniform gross profit of 40% on all his sales. Early in June 2012 he had a flood in his premises which damaged some of his stock and made it impossible to sell. He has valued his remaining stock at 30 June 2012 at a selling price of \$14 000.

**REQUIRED**

(c) Calculate the cost of the stock destroyed in the flood.

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The vehicle which Aziz sold during the year ended 30 June 2012 had been purchased on 30 September 2009 for \$16 000. Aziz depreciates his vehicle at 25% per annum using the straight line method. He charges a full year's depreciation in the year of purchase and none in the year of disposal. He received \$5 000 as a trade-in allowance for the new vehicle.

**REQUIRED**

(d) Calculate the profit or loss on the disposal of the vehicle.

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- 2 The PPE Rowing Club prepares its accounts annually on 31 March.

The summary of the Receipts and Payments Account for the year ended 31 March 2012 is shown below.

| Receipts                  | \$     | Payments                    | \$     |
|---------------------------|--------|-----------------------------|--------|
| Balance b/d               | 3 000  | Competition prizes          | 3 100  |
| Subscriptions received    | 84 400 | Dinner dance – hire of band | 2 400  |
| Competition receipts      | 12 200 | Dinner dance – catering     | 5 200  |
| Dinner dance ticket sales | 14 000 | Insurance                   | 9 800  |
| Donations                 | 1 500  | Clubhouse maintenance       | 10 300 |
| Sale of equipment         | 24 000 | Equipment                   | 46 000 |
|                           |        | General expenses            | 30 200 |
|                           |        | Electricity                 | 1 600  |
|                           |        | Transfer to deposit account | 20 000 |

### Additional information

- 1 The remaining assets and liabilities of the club at the beginning and end of the year were:

|                               | 1 April 2011 | 31 March 2012 |
|-------------------------------|--------------|---------------|
|                               | \$           | \$            |
| Clubhouse                     | 150 000      | 150 000       |
| Equipment                     | 160 000      | 140 000       |
| General expenses owing        | 800          | 400           |
| Subscriptions due and unpaid  | 2 600        | 3 100         |
| Subscriptions paid in advance | 6 300        | 4 500         |
| Stock of competition prizes   | 800          | 300           |
| Deposit account               | -            | 20 000        |

- 2 During the year equipment with a book value of \$26 000 was sold for \$24 000.
- 3 Of the subscriptions due on 1 April 2011, \$280 remains unpaid. This is to be treated as a bad debt.
- 4 On 1 October 2011, \$20 000 was transferred from the Receipts and Payments Account to a short-term deposit account. This transfer is shown in the summarised Receipts and Payments Account above. Interest of 5% per annum is earned on the deposit account. This interest has not yet been recorded.

**REQUIRED**

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**(a)** Prepare the subscriptions account for PPE Rowing Club for the year ended 31 March 2012.

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- 3 Cumfycars Ltd produce 3 grades of car seat covers, Basic, Deluxe and Super. Each seat cover is manufactured using a different grade of material.

Sales demand for the year ended 30 April 2013 is forecast to be:

|                                      | Basic | Deluxe | Super |
|--------------------------------------|-------|--------|-------|
| Sales demand (units)                 | 4000  | 2000   | 500   |
| The following figures are available: |       |        |       |
| Per Unit                             | Basic | Deluxe | Super |
| Sales price                          | \$12  | \$20   | \$30  |
| Variable costs                       | \$6   | \$14   | \$16  |
| Direct labour hours                  | 3     | 5      | 8     |

Total fixed overhead costs for the year ending 30 April 2013 are estimated to be \$39 000.

Fixed overhead costs are absorbed on the basis of direct labour hours.

**REQUIRED**

- (a) (i) Calculate the total direct labour hours required to meet the forecast demand for all 3 products.

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- (ii) Calculate the estimated fixed overhead recovery rate.

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- (iii) Calculate the estimated contribution per unit for each product.

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(iv) Calculate the estimated contribution per direct labour hour for **each** product.

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The human resource manager has warned of a future skill shortage and forecasts that only 24 400 direct labour hours will be available for the year ended 30 April 2013.

(b) Calculate the quantity of each product that should be made in order to maximise total profit if this forecast is correct.

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Cumfycars Ltd also produce car roof racks in separate premises.

The total forecast fixed costs for the year ending 30 April 2013 amount to \$10 000.

Each roof rack has the following unit costs:

|                    |    |
|--------------------|----|
| <b>Unit costs</b>  | \$ |
| Raw materials      | 40 |
| Direct labour      | 30 |
| Variable Overheads | 25 |

There are no other costs. Each roof rack sells for \$100.

**REQUIRED**

(d) Calculate the estimated break-even point in units **and** in sales revenue.

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(e) Calculate the estimated margin of safety in units **and** revenue if 2200 units are produced.

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**[Total: 30]**





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