



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

CANDIDATE NAME

CENTRE NUMBER 

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CANDIDATE NUMBER 

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**ACCOUNTING**

**9706/21**

Paper 2 Structured Questions

**May/June 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 **12** printed pages.



- 1 Alana owns and manages a shop with three separate departments selling food, clothing and toys. The following trial balance is available for the year ended 30 April 2012.

	\$ 000	\$ 000
Inventory at 1 May 2011:		
Food	10	
Clothing	12	
Toys	31	
Purchases and sales		
Food	67	250
Clothing	50	150
Toys	57	100
Sales staff wages	80	
Advertising	8	
Heat and light	30	
Insurance	5	
Fixtures and fittings at cost	120	
Provision for depreciation, fixtures and fittings		12
Property	200	
Trade receivables	95	
Bank	55	
Trade payables		40
Capital		<u>268</u>
	<u>820</u>	<u>820</u>

**Additional information:**

- 1 Inventory at 30 April 2012:
 

Food	17 000
Clothing	12 000
Toys	43 000
  
- 2 The shop has 2 floors with the food department on the ground floor and both the clothing and toys departments taking up equal floor space on the floor above.
  
- 3 At 30 April 2012:
  - an invoice for advertising amounting to \$2000 remained unpaid;
  - \$6000 had been paid in advance for heating and lighting.
  
- 4 Expenses are apportioned between departments as follows:
 

Apportioned on the basis of sales income:

  - sales staff wages; advertising.

Apportioned on the basis of floor area:

  - heat and light; insurance; depreciation.
  
- 5 Straight line depreciation is charged on fixtures and fittings at 10% per annum.



(b) Explain how the preparation of a departmental income statement might assist Alana in managing the business.

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[6]

(c) Alana's accountant values some inventory at cost of purchase and some at net realisable value.

Explain these terms to Alana:

(i) cost of purchase

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(ii) net realisable value.

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[3]

**[Total: 30]**

- 2 Jackie and Kim are in partnership sharing profits and losses in the ratio of 3:2. The following statement of financial position was provided on 30 April 2012.

**Statement of Financial Position at 30 April 2012**

	\$	\$	\$
<b>Non-current assets at net book value</b>			
Premises			120 000
Fixtures and fittings			<u>72 000</u>
			192 000
<b>Current assets</b>			
Inventory	30 000		
Trade receivables	20 000		
Bank	<u>16 000</u>		
		66 000	
<b>Current liabilities</b>			
Trade payables	12 000		
Wages accrued	<u>1 000</u>		
		13 000	
<b>Net current assets</b>			<u>53 000</u>
Net assets			<u>245 000</u>
<b>Capital accounts</b>			
Jackie		141 000	
Kim		<u>94 000</u>	235 000
<b>Current accounts</b>			
Jackie		6 000	
Kim		<u>4 000</u>	<u>10 000</u>
			<u>245 000</u>

Maura is a long-term employee of the partnership. Her current annual salary is \$16 500.

She recently inherited a sum of \$60 000 and is considering an invitation from Jackie and Kim to invest \$50 000 in the business in return for becoming a partner on 1 May 2012.

If she agrees, the following terms would apply:

- 1 Maura is to be paid a partnership salary of \$11 000 per year.
- 2 All partners are to receive interest on capital of 3% per year.
- 3 All partners are permitted to withdraw up to \$10 000 per year.
- 4 All partners are to pay interest on annual drawings at 5% per year.
- 5 Maura is to receive a 10% residual share of profits and losses. The remaining profit or loss is to be divided between the other partners in ratio to their capital.
- 6 Jackie and Kim will withdraw the full amount available to them while Maura will withdraw \$5 500.

The profit for the year ended 30 April 2013 is forecast to be \$121 000.



**(b)** Prepare Maura's current account for the year ended 30 April 2013.

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**(c)** Instead of investing in the partnership Maura could bank her \$50 000 at an annual interest rate of 5%.

Using appropriate figures calculated in **(a)** and **(b)**, advise Maura whether or not to accept the offer of a partnership.

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[6]

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Jackie and Kim provided the following accounting ratios:

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	Year ended 30 April 2011	Year ended 30 April 2012
Percentage of gross profit to sales	21%	24%
Percentage of net profit to sales	10%	11%

**REQUIRED**

(d) Suggest **two** reasons for the change in the percentage of gross profit to sales.

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(e) Suggest **two** reasons for the change in the percentage of net profit to sales.

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**[Total: 30]**





- (ii) Calculate the total contribution and profit for the year based on forecast demand.

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There is only one supplier capable of producing waterproof tent material of the required quality.

They have informed Blue Skies Ltd that the maximum amount they can supply in the year will be 546 000 square metres.

**REQUIRED**

- (b) Calculate the contribution per square metre for each product produced.

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- (c) Using the quantity of material that is available for production, calculate the number of **each** type of tent that should be produced so that total profit is maximised.

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- (d) Using the quantity of material that is available, prepare a marginal cost profit statement.

Clearly show the contribution made by **each** type of tent and the **total** profit made in the year.

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