



Cambridge International Examinations
Cambridge International Advanced Subsidiary and Advanced Level

CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

* 1 4 4 0 2 2 6 1 2 4 *

ACCOUNTING

9706/22

Paper 2 Structured Questions

October/November 2014

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.

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

- 1 The following information relates to the business of Nother Limited.

Trial Balance at 31 March 2014		
	Dr	Cr
	\$000	\$000
Share capital		1500
Factory premises at cost	1000	
Factory machinery at cost	280	
Provisions for depreciation:		
Premises		250
Machinery		140
Inventories at 1 April 2013:		
Raw materials	360	
Work in progress	210	
Finished goods	432	
Revenue		5054
Purchases of raw materials	1896	
Manufacturing wages	1250	
Factory expenses	780	
Administrative expenses	80	
Sales expenses	416	
Retained earnings		196
Trade receivables and payables	840	240
Provision for doubtful debts		36
Bank overdraft		144
Bad debts written off	<u>16</u>	
	<u>7560</u>	<u>7560</u>

Additional information

1	Inventories at 31 March 2014	\$
	Raw materials	300 000
	Work in progress	220 000
	Finished goods	480 000
2	Other payables at 31 March 2014	\$
	Factory expenses	112 000
	Sales expenses	56 000
	Manufacturing wages	40 000
3	Prepayments at 31 March 2014	\$
	Administrative expenses	8 000

(c) Explain the following terms.

Direct costs

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..... [2]

Indirect costs

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Prime cost

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Production cost

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[Total: 30]

- 3 Aluko Limited manufactures three products for the automobile industry, BS100, BS200 and BS300.

The business is divided into four departments – machining, assembly, stores and canteen.

The following information is available for one unit of the three products.

	BS100	BS200	BS300
Direct materials	\$12.60	\$14.10	\$18.80
Direct labour hours – machining (\$7.80 per hour)	30 minutes	50 minutes	55 minutes
Direct labour hours – assembly (\$6.30 per hour)	10 minutes	12 minutes	15 minutes
Machine hours – machining	20 minutes	30 minutes	30 minutes
Machine hours – assembly	5 minutes	5 minutes	10 minutes

The total estimated overhead costs for the year ended 30 June 2015 are as follows:

	\$
Indirect wages	232 000
Machinery maintenance	94 000
Machinery insurance	9 020
Rent and rates	49 600
Buildings insurance	12 800
Machinery depreciation	26 600

The following information is also available.

	Machining	Assembly	Stores	Canteen
Number of indirect employees	8	16	4	2
Floor area (sq metres)	8 000	9 000	2 000	1 000
Value of machinery (\$000)	290	120		
Number of orders from stores	6 300	1 300		
Budgeted labour hours	7 720	28 600		
Budgeted machine hours	46 400	3 200		
Use of canteen	30%	55%	15%	

REQUIRED

(a) Apportion the costs to the four departments and re-apportion the service departments' costs to production departments using a suitable basis.

	Total \$	Machining \$	Assembly \$	Stores \$	Canteen \$
Indirect wages					
Machinery maintenance					
Machinery insurance					
Rent and rates					
Buildings insurance					
Machinery depreciation					
Reapportionment of canteen					
Reapportionment of stores					

[8]

(b) Calculate appropriate absorption rates for **each** production department correct to **two** decimal places.

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[4]

Additional information

The actual results for the year were as follows:

	Machining	Assembly
Factory overheads	\$239 110	\$192 860
Direct labour hours	8 420	28 150
Direct machine hours	49 120	3 050

REQUIRED

(c) Calculate the under or over absorption of overheads for each production department.

	Machining \$	Assembly \$

[4]

(d) Explain the reason for the over or under absorption of overheads calculated for **each** production department in part (c).

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..... [2]

Additional information

Aluko Limited has been asked to prepare a quotation for a customer requiring 250 units of BS200. The company requires a 35% gross profit on **each** order.

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