

**OXFORD CAMBRIDGE AND RSA EXAMINATIONS  
AS GCE  
F012/01/RB  
ACCOUNTING  
Accounting Applications  
RESOURCE BOOKLET  
FRIDAY 20 MAY 2016: Afternoon  
DURATION: 2 hours  
plus your additional time allowance  
MODIFIED ENLARGED 24pt**

**To be given to candidates at the start of the  
examination**

**READ INSTRUCTIONS OVERLEAF**

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## **INSTRUCTIONS TO CANDIDATES**

**The information required to answer questions 1–4 is contained within this Resource Booklet.**

## **INFORMATION FOR CANDIDATES**

**The Quality of Written Communication will be assessed in the two questions/sub-questions marked with an asterisk (\*).**

**In one of these questions, the focus will be on your ability to present numerical information legibly and in an appropriate accounting format. In the other, you will be assessed on the legibility and style of writing, the clarity and coherence of your arguments and the accuracy of your spelling, punctuation and grammar.**

**Any blank pages are indicated.**

## **INSTRUCTION TO EXAMS OFFICER/INVIGILATOR**

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- 1 Isla Fraser is a sole trader. She has an accounting year ending 31 March 2016. At present she maintains her accounting records manually. Due to staff shortages the monthly stocktaking, due on 31 March 2016, did not take place. The stock valuation at the close of business on 16 April 2016 was £158 420. The following transactions should be taken into account to calculate the stock valuation as at 31 March 2016 for the final accounts. All goods have a mark-up on cost price of 20%.**
- (i) Goods costing £24 000 were delivered to the business during the period 1–16 April 2016.**
  - (ii) Goods with a sales value of £15 000 were returned by customers during the period 1–16 April 2016.**
  - (iii) During the period 1–16 April 2016, goods with a sales value of £12 000 were sent to customers.**
  - (iv) Included in the stock valuation on 16 April 2016 were goods valued at cost price with a NORMAL selling price of £7440. However, during March 2016 these goods had been damaged; they have a scrap value of £1500.**
  - (v) Included in the stock valuation on 16 April 2016 was a stock of stationery for use in the office at a cost price of £360.**
  - (vi) During March 2016 Isla Fraser received goods at a selling price of £816 on a sale or return basis. These goods have been included in the stock valuation on 16 April 2016. Isla Fraser has not sold any of these goods.**

- (vii) Goods with a cost price of £4800 were withdrawn from stock on 8 April 2016 for use at a display. These goods had been purchased in February 2016. This stock has not been included in the stock valuation on 16 April 2016.**
- (viii) During the period 1–16 April 2016 Isla Fraser returned goods costing £10 300 to her suppliers.**
- (ix) Goods with a total selling price of £4200 were withdrawn from stock on 10 April 2016 for private use by Isla Fraser.**

## **REQUIRED**

- (a) A detailed statement showing the closing stock valuation as at 31 March 2016. [12]**
- (b) An explanation of the correct treatment of:**

**item (iv)**

**item (v). [6]**

**2 Charlie Towers is a sole trader. He provided his accountant with the following information for the year ended 30 April 2016. Charlie pays all his receipts into the business bank account. The following is a summary of the bank account for the year ended 30 April 2016.**

**Bank account summary for the year ended 30 April 2016**

	£		£
Balance b/d	9 500	Payments to creditors	94 000
Receipts from debtors	176 000	General expenses	24 400
Cash sales	12 600	Wages	32 800
Loan	18 000	Motor vehicle	16 000
Commission received	1 600	Drawings	42 000
		Motor expenses	3 100

**The assets and liabilities of the business at the beginning and end of the year were:**

	1 May 2015	30 April 2016
	£	£
Trade debtors	11 600	14 200
Trade creditors	8 400	9 300
Stock at cost	12 400	10 300
Equipment	8 200	7 380
Motor vehicles	36 000	43 200
Wages owing	150	240
Motor expenses prepaid	600	–
Motor expenses owing	–	420
Commission receivable owing	520	360

**The following information is also available:**

- (i) Discounts allowed to customers for the year ended 30 April 2016 were £2000.**
- (ii) Charlie received discounts from his suppliers of £1700 during the year ended 30 April 2016.**
- (iii) Charlie had taken goods at a cost price of £5300 for his own use.**
- (iv) The loan was received on 1 November 2015 and interest is payable at 6% per annum. The loan is for a three-year period.**
- (v) General expenses in the bank account summary includes an amount of £520, which relates to the payment of Charlie's private house insurance.**
- (vi) A debtor who owes Charlie £500 has recently been declared bankrupt. Charlie has decided to write this off as a bad debt, but no entries have yet been made in his accounts.**

## **REQUIRED**

- (a)\* The Trading and Profit and Loss Account for Charlie Towers for the year ended 30 April 2016, AND the Balance Sheet as at that date. [36]**
- (b) Charlie is considering changing the business from a sole trader to a private limited company. Explain TWO advantages and TWO disadvantages to Charlie of changing to a private limited company. [8]**

**3 Atherton Ltd and Morton Ltd are two businesses that have been trading in the same market segment for a number of years. The following information is available from their final accounts for the year ended 31 March 2016.**

	<u>Atherton Ltd</u>	<u>Morton Ltd</u>
	£	£
<b>Sales</b>	<b>600 000</b>	<b>750 000</b>
<b>Purchases</b>	<b>230 000</b>	<b>460 000</b>
<b>Expenses</b>	<b>110 000</b>	<b>70 000</b>
<b>Expenses owing</b>	<b>10 000</b>	<b>5 000</b>
<b>Debtors</b>	<b>40 000</b>	<b>30 000</b>
<b>Creditors</b>	<b>56 000</b>	<b>32 000</b>
<b>Bank</b>	<b>—</b>	<b>10 000</b>
<b>Bank overdraft</b>	<b>30 000</b>	<b>—</b>
<b>Stock 1 April 2015</b>	<b>40 000</b>	<b>54 000</b>
<b>Stock 31 March 2016</b>	<b>30 000</b>	<b>64 000</b>
<b>Capital employed</b>	<b>2 400 000</b>	<b>1 000 000</b>

**There were no other current assets or current liabilities.**

## **REQUIRED**

**(a) The Trading and Profit and Loss Account for the year ended 31 March 2016, for EACH business. [6]**

**(b) Calculate the following ratios for EACH of the businesses Atherton Ltd and Morton Ltd (where appropriate round to TWO decimal places):**

**Gross profit as a percentage of sales**

**Net profit as a percentage of sales**

**Stock turnover**

**Return on capital employed**

**Current ratio**

**Liquid (acid test) ratio. [12]**

**(c)\* Evaluate the comparative business performance of Atherton Ltd and Morton Ltd using the information provided and the ratios calculated in part (b). [14]**

**4 Zara and Clarke are in partnership. Their partnership agreement states the following:**

- (i) Profits and losses are to be shared in the ratio Zara 3/5 and Clarke 2/5.**
- (ii) Zara is allowed an annual salary of £20 000 and Clarke is allowed an annual salary of £42 000.**
- (iii) Interest on drawings is charged at 3% per annum on a monthly basis.**
- (iv) Interest on capital is allowed at 4% per annum.**

**The capital and current account balances on 1 April 2015 were as follows:**

	£
<b>CAPITAL ACCOUNTS</b>	
Zara	640 000
Clarke	600 000
<b>CURRENT ACCOUNTS</b>	
Zara	6 000 credit
Clarke	29 000 credit

**The net profit before appropriation for the year ended 31 March 2016 was calculated at £226 000.**

**During the year ended 31 March 2016 the following drawings took place:**

	<b>Zara</b>	<b>Clarke</b>
	<b>£</b>	<b>£</b>
<b>1 April 2015</b>	<b>10 000</b>	<b>8 000</b>
<b>1 July 2015</b>	<b>12 000</b>	<b>6 000</b>
<b>1 October 2015</b>	<b>8 000</b>	<b>4 000</b>
<b>1 January 2016</b>	<b>14 000</b>	<b>12 000</b>

**On 1 April 2016 Zara and Clarke admitted James as a partner. At that date the fixed assets were revalued from £450 000 to £650 000. Stock was revalued from £30 000 to £20 000. Goodwill was valued at £68 000. James paid £280 000 capital into the business bank account. The new profit sharing agreement stated that the profit would be shared as follows:**

<b>Zara</b>	<b>2/5</b>
<b>Clarke</b>	<b>2/5</b>
<b>James</b>	<b>1/5.</b>

**All partners agreed that goodwill would not remain in the books of the new partnership.**

### **REQUIRED**

- (a) The Appropriation Account for Zara and Clarke for the year ended 31 March 2016. [8]**
- (b) The Current Accounts for Zara and Clarke for the year ended 31 March 2016. [7]**
- (c) The Capital Accounts for Zara, Clarke and James as at 1 April 2016. [11]**

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