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Centre No.			Paper Reference			Surname	Initial(s)				
Candidate No.			6	0	0	1	/	0	1	Signature	

Paper Reference(s)

6001/01

London Examinations GCE

Accounting (Modular Syllabus) Advanced Subsidiary/Advanced Level

Unit 1: The Accounting System and Costing

Tuesday 15 May 2012 - Morning

Time: 3 hours

Materials required for examination

Items included with question papers Source booklet

Nil

Instructions to Candidates

In the boxes above, write your centre number, candidate number, your surname, initial(s) and signature. Check that you have the correct question paper.

Answer FIVE questions, choosing TWO from Section A and THREE from Section B.

Indicate which question you are answering by marking the box (X).

If you change your mind, put a line through the box (\(\overline{\ cross (\boxtimes) .

All calculations must be shown.

Write your answers in the spaces provided in this question paper.

Do not return the insert with the question paper.

Information for Candidates

The marks for individual questions and the parts of questions are shown in round brackets: e.g. (2). There are 7 questions in this question paper. The total mark for this paper is 200.

There are 28 pages in this question paper. Any blank pages are indicated.

Calculators may be used.

The source material for use with questions 1 to 7 is in the enclosed source booklet.

Advice to Candidates

Write your answers neatly and in good English.

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Turn over

Total



SECTION A

SOURCE MATERIAL FOR USE WITH QUESTION 1

1. Aysha, Bashu and Christine are in partnership retailing electrical goods. They share profits and losses in the ratio 2:2:1. Christine is entitled to a salary of £7 000 per annum. No interest is paid on capital. Interest is charged at the rate of 5% per annum on the drawings for the year. The following trial balance was extracted from the books for the year ended 31 March 2012:

	Dr	Cr
	£	£
Goodwill	30 000	
Inventory 1 April 2011	40 000	
Salaries and wages	29 500	
Sundry expenses	8 500	
Rent and rates	9 000	
Bank loan interest paid	3 000	
Trade receivables	28 500	
Trade payables		23 200
Cash	4 200	
5% Bank loan – Payable 31 March	2020	80 000
Non-current assets at cost:		
Land and buildings	70 000	
Delivery vehicles	20 000	
Fixtures and fittings	8 000	
Provisions for depreciation:		
Delivery vehicles		9 000
Fixtures and fittings		6 400
Provision for doubtful debts		900
Revenue		265 100
Purchases	191 000	
Capital accounts at 1 April 2011:		
Aysha		30 000
Bashu		20 000
Christine		10 000
Current accounts at 1 April 2011:		
Aysha		3 500
Bashu		4 300
Christine	700	
Drawings:		
Aysha	4 000	
Bashu	4 000	
Christine	2 000	
	<u>452 400</u>	<u>452 400</u>

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Additional information at 31 March 2012:

(i)	Inventory valuations	Original	Replacement	Market
		cost	cost	value
		£	£	£
	Washing machines	9 000	10 500	10 800
	Televisions	16 000	16 000	20 000
	Microwaves	7 500	7 000	6 000

- (ii) Goodwill is no longer to be recorded in the books.
- (iii) Salaries and wages contains the £7 000 salary already paid to Christine.
- (iv) Sundry expenses prepaid £750.
- (v) Rent and rates owing £3 000.
- (vi) The 5% Bank loan was taken out on 1 April 2011.
- (vii) Depreciation is to be charged as follows:

No depreciation is charged on the land and buildings Delivery vehicles -20% per annum using the reducing balance method

Fixtures and fittings -10% per annum using the straight line method.

(viii) Trade receivables of £3 500 are considered irrecoverable. The provision for doubtful debts is to be maintained at 5% of the remaining trade receivables.

Required:

- (a) Prepare the:
 - (i) statement of comprehensive income including the appropriation of profit/loss for the year ended 31 March 2012

(17)

(ii) statement of financial position at 31 March 2012.

(13)

(b) Explain how inventory should be valued where the original cost, replacement cost and market value are at different valuations.

(4)

- (c) Prepare for the year ended 31 March 2012 the:
 - (i) capital account of Christine

(4)

(ii) current account of Christine.

(6)

(d) Evaluate the partners' decision to **not** record goodwill in the books.

(8)

(Total 52 marks)

Answer space for question 1 is on pages 2 to 7 of the question paper.

Question Number	Answer			Mark					
1(a)(i)	Aysha, Bashu and Christine Statement of comprehensive income for the year ended 31 March 2012								
	Revenue	£	£ 265 100						
	Opening inventory Purchases	40 000 <u>191 000</u> 231 000							
	Closing inventory Cost of sales	31 000	√√ 200 000						
	Gross profit √OF		65 100						
	Salaries and wages (29 500 – 7 000) $\sqrt{\sqrt{(\sqrt{29} 500)}}$	22	500						
	Sundry expense (8 500 - 750) Rent & rates (9 000 + 3 000) Loan interest (3 000 + 1 000) $\sqrt{4}$ ($\sqrt{4}$ 3 000)	12 000	750 √ √ 1 000						
	Depreciation – Delivery van Fixtures	800	200						
	Bad debts Increase in PDD	3 500 <u>350</u> (53	√ √√ 100)						
	Profit for the year Interest on drawings:		12 000						
	Aysha Bashu items	200 200	√ AII						
	Christine	<u>100</u>	12 500						
	Salary: Christine		(<u>7 000)</u> √ 5 500	(17)					
	Share of profit: Aysha Bashu	2 200 2 200	√OF if						
	ratio Christine	1 100	correct 5 500						

Question Number	Answer		Mark							
1(a)(ii)	Statement of financial position at 31 March 2012									
		Cost Aggregate Carry Depreciation Over £ £								
	£ Non-current assets Land and buildings √ Delivery vehicles 8 800 √OF Fixtures and fittings 800 √OF	70 000 20 000 - 11 200 8 000 - 7 200 =								
	79 600 <u>Current assets</u> Inventory √OF Trade receivables 28 500 -	31 000 - 3 500 25 000								
	√ Less PDD	<u>1 250</u> 23 750								
	∨ Other receivables √	750								
	v Cash √	<u>4 200</u>								
	•	<u>59 700</u> <u>139 300</u>								
	Equity and Liabilities:	£								
	Capital: Aysha Bashu Christine	18 000 8 000 <u>4 000</u> 30 000 √								
	Current accounts: Balance b/d Salary Share of profit Int on drawings Drawings Salary paid Balance c/d √OF	Aysha Bashu Christine 3 500Cr 4 300Cr 700Dr 7 000 2 200 2 200 1 100 5 700 6 500 7 400 200 200 100 4 000 4 000 2 000 7 000 4 200 4 200 9 100 1 500Cr2 300Cr1 700Dr 2 100	(13)							
	Current liabilities	32 100								

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Trade payables	23 200	
Other payables (3 000 +1 000) $\sqrt{}$	4 000	
27 200 Non-current liabilities Bank loan	<u>80 000</u>	
V	<u>139 300</u>	

Question	Answer	Mark
Number		
1(b)	Inventory will be valued at cost or net realisable value whichever is the lower. $\sqrt{\ }$ In the case of this business the washing machines and televisions will be valued at cost, but the microwaves will be valued at the market value (net realisable value) which is lower than the cost. $\sqrt{\ }$	(4)

Question Number	Answ	er						Mark
1(c)(i)		Capital account of Christine £						
	£	Goodwill √ Balance c/d	/	6 000√ <u>4 000</u>	\checkmark	Balance b/d	10 000	
	000			10 000		Balance b/d	<u>10</u> 4 000	(4)
					√OF	balance b/u	4 000	

Past Paper (Mark Scheme)

Question Number	Answer	Mark
1(c)(ii)	Current account of Christine	
	£	
	Balance b/d 700 Salary 7 000 √	
	Interest on drawings 100 $\sqrt{\sf OF}$ Share of profit 1 100 $\sqrt{\sf OF}$	
	Wages and salaries 7 000 $\sqrt{}$	
	Drawings $2000 \sqrt{}$ Balance c/d 1700	
	<u>9 800</u> <u>9 800</u>	(6)
	Balance b/d 1 700 \sqrt{OF} (Can be a Cr balance)	

Question Number	Answer	Mark
1(d)	Valid answers may include: Benefits to recording Accurate value of the business to the partners Does not undervalue the business Required when purchasing/sellinga business	
	Against recording	
	goodwill $\sqrt{\sqrt{x}}$ two benefits and $\sqrt{\sqrt{x}}$ two points against.	(8)

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SOURCE MATERIAL FOR USE WITH QUESTION 2

2. Dalfor is in business buying and selling household goods. He uses ratio analysis to evaluate the success of his business. The following balances were extracted from the books on 29 February 2012:

		£
Revenue -	cash	50 000
	credit	250 000
Purchases -	cash	45 000
	credit	225 000
Inventory -	1 March 2011	60 000
	29 February 2012	90 000
Capital		275 000
Expenses paid		35 000
Accrued expenses		10 000
Trade receivables		30 000
Trade payables		35 000
Cash		150 000
10% Bank loan – Re	100 000	
Non-current assets		150 000

Additional information:

- (a) The 10% bank loan was taken out in January 2010.
- (b) The accounting ratios for the two previous years were:

	Year ended 28 February 2010	Year ended 28 February 2011
(i) gross profit as a percentage of revenue	30%	25%
(ii) profit for the year as a percentage of revenue	20%	12%
(iii) inventory turnover	6 times	4.8 times
(iv) return on capital employed	10%	8%
(v) current ratio	4:1	5:1
(vi) liquid (acid test) ratio	3:1	3.5:1
(vii)trade payables payment period	65 days	60 days
(viii) trade receivables collection period.	70 days	68 days

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(a) Distinguish between **profitability** and **liquidity**.

(4)

(b) Calculate for the year ended 29 February 2012 the:

(i) gross profit as a percentage of revenue

(2)

(ii) profit for the year as a percentage of revenue

(2)

(iii) inventory turnover

(3)

(iv) return on capital employed

(3)

(v) current ratio

(3)

(vi) liquid (acid test) ratio

(3)

(vii) trade payables payment period

(3)

(viii) trade receivables collection period.

(3)

- (c) Suggest **two** likely reasons for the trend over the three-year period in **each** of the following ratios:
 - (i) Inventory turnover
 - (ii) Return on capital employed
 - (iii) Current ratio.

(12)

Dalfor is considering expanding his business by opening a new store in another town.

- (d) Advise Dalfor, using the ratios calculated in (b) above, on how his business might be viewed by potential:
 - (i) investors
 - (ii) creditors.

(6)

(e) Evaluate Dalfor's decision to use only accounting ratios to review his business.

(8)

(Total 52 marks)

Answer space for question 2 is on pages 8 to 12 of the question paper.

Question	Answer	Mark
Number		
2(a)	Profit for the year related to revenue or capital employed. $\sqrt{}$	
	Liquidity relates to the ability of the business to meet its short	
	term debts. It is usually measured as a ratio of current assets to	
	current liabilities. $\sqrt{}$	(4)

Question	Answer	Mark
Number		
2(b)	(i) gross profit as a percentage of revenue	
	Gross profit x 100 = $£60\ 000\ x\ 100\ (1) =$	
	20% (1) Revenue £300 000	
	(ii) profit for the year as a percentage of revenue	
	Profit for the year x $100 = £15\ 000 \times 100$ (1) = 5% (1)	
	Revenue £300 000	
	(iii) inventory turnover	
	Cost of sales (1) $\underline{£240\ 000}\ (1) = 3.2\ times$	
	Average inventory £75 000 (1)	
	(iv) return on capital employed	
	Profit for the year x 100 = $£15\ 000$ (10F)= 4% (1)	
	Capital employed £275 000 + £100 000 (1)	
	(v) current ratio	
	$\frac{\text{Current assets}}{6:1(1)} = \frac{\cancel{£}90\ 000 + \cancel{£}30\ 000 + \cancel{£}150\ 000(1)}{6:1(1)} =$	
	Current liabilities £35 000 +£10 000 (1)	
	(vi) liquid (acid test) ratio	
	<u>Current assets - inventory</u> = $£30\ 000 + £150\ 000\ (1)$ = $4:1(1)$	
	Current liabilities £35 000 + £10 000 (1)	
	(vii) trade payables payment period	
	$\frac{\text{Trade payables x 365}}{56.8 \text{ days}(1)} = \frac{£35\ 000\ x\ 365}{56.8} $ (1) =	

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Credit purchases	£225 000 (1)	
(viii) trade receivables collection	n period.	
<u>Trade receivables x 365</u> = days (1)	$£30\ 000\ x\ 365$ (1) = 43.8	
Credit sales	£250 000 (1)	

Question Number	Answer	Mark
2(c)	Suggested changes may include: (i) inventory turnover • The inventory turnover trend is falling √√ • Revenue sales are falling • Economic slowdown or competition making it more difficult to sell • Reduction in quality of product deterring revenue sales (ii) return on capital employed • Return on capital employed trend is falling √√ • more is being expended on expenses lowering the net profit • purchases are more expensive lowering the gross profit to revenue • products are being sold with less profit margin to increase or maintain sales	
	 (iii) current ratio • Current ratio trend is rising √√ • Inventory level has risen • The bank loan has increased the cash available 	(12)
	$\sqrt{}$ per valid point , MAX $\sqrt{}$ per section	

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Question Number	Answer	Mark
2(d)	Views of potential investors Investors will look at profitability The trend of profitability is falling	
	 Views of creditors Creditors will consider liquidity It takes on average two months to be paid when one month would be normal The business has a high current ratio and idle funds 	
	 The business has ample cash to pay creditors if required √√ per valid point x 3 (Maximum two valid points for potential investors or creditors) 	(6)

Question Number	Answer	Mark
2(e)	Valid answers may include: Benefits Used as a yardstick for comparison Accounting ratios give an objective mathematical calculation Comparison can take place with previous years and other businesses Aid the improvement of decision making Key question about the business can be answered e.g profitability, liquidity, efficient use of assets Against The difficulty of comparing like with like, business to business The future prospects of the business cannot be taken into account Factors such as the quality of the workforce are not considered	(8)
	$\sqrt{\sqrt{x}}$ two benefits and $\sqrt{\sqrt{x}}$ two points against.	

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SOURCE MATERIAL FOR USE WITH QUESTION 3

3. The Treasurer of Sidly Tennis Club maintains a set of full double entry records. The following information is available for the year ended 30 April 2012:

(i) Cash Book Summary

	£		£
Subscriptions for previous year	300	Balance b/d	900
for current year	3 700	Leasehold purchase	30 000
for next year	700	Wages	5 200
6% Bank loan	25 000	Equipment	6 400
Sale of tennis balls	1 550	Sundry expenditure	3 800
Donations	4 800	Purchase of tennis balls	1 200
Sales of annual dinner tickets	2 900	Rental of hall for annual dinner	r 560
Balance c/d	9 710	Deposit for annual dinner	600
	48 660		48 660

(ii) Balances at:

	1 May 2011	30 April 2012
	£	£
Leasehold –15 years	-	30 000
Equipment	12 200	?
Equipment – provision for depreciation	2 400	?
Inventory of tennis balls	750	630
Subscriptions in arrears	500	900
Subscriptions in advance	1 400	700
Accrued sundry expenses	1 150	2 650
6% Bank loan	-	25 000
Trade payable	-	1 950
(caterer for annual dinner)		

- (iii) On 30 April 2012 the following errors were found in the books:
 - 1. During the year equipment which had cost £1 200 on 1 April 2009 was sold for £900. No record of the sale had been made in the books.
 - 2. Wages, £300, had been credited to the wages account.
 - 3. A deposit of £600 paid to the caterer for the annual dinner had been recorded correctly in the cash book but had been recorded in the caterer's account as £150.
- (iv) The leasehold and the 6% bank loan were taken out on 1 May 2011.
- (v) Subscription to the Sidly Tennis Club is £100 per annum. All subscriptions not received from the previous year were considered irrecoverable and were written off.
- (vi) Depreciation is charged on:
 - equipment at the rate of 15% per annum using the straight line method on all equipment owned at the end of the year
 - the leasehold at an appropriate rate.

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(2)

(19)

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Required:

(a)	(i)	Explain the accounting concept of historic cost.	
			(2)

- (ii) Give one example where the Sidly Tennis Club has applied this accounting concept.
- (b) Prepare the trial balance at 1 May 2011 showing the value of the accumulated fund. (5)
- (c) Prepare the journal entries to correct the errors in (iii). Narratives are **not** required. (9)
- (d) Prepare for the year ended 30 April 2012 the:
 - (i) subscriptions account (7)
 - (ii) income and expenditure account showing clearly the profit or loss on the annual dinner and the sale of tennis balls.
- (e) Evaluate the financial position of the Sidly Tennis Club.

 (8)

(Total 52 marks)

Answer space for question 3 is on pages 13 to 17 of the question paper.

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Question Number	Answer	Mark
3(a)(i)	Historic cost relates to recording assets in the books at their cost and not their market value. $\sqrt{\surd}$	(2)
Question Number	Answer	Mark
3(a)(ii)	 The non-current assets of equipment and leasehold are recorded at historic cost less depreciation Inventory One example √√ 	(2)

Question	Answer	Mark
Number		
3(b)	Sidly Tennis Club	
	Trial balance at 1 May 2011	
	Dr Cr	
	£££	
	Equipment 12 200	
	Equipment – provision for depreciation 2 400	
	Inventory of balls 750	
	Subscriptions in arrears 500	
	Subscriptions in arrears	
	Subscriptions in advance 1 400	
	Accrued sundry expenses 1 150	
	Bank 900	
	Accumulated fund <u>7 600</u>	(5)
	13 450 13	
	450	
	\sqrt{f} for each correct entry MAX 5 points(\sqrt{OF} for Accumulated Fund if	
	a Cr entry √√Correct figure)	

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Question Number	Answer			Mark
3(c)	Journal			
		Dr £	Cr £	
	(i) Disposal both	1 200	√ For	
	Equipment		1 200	
	Provision for depreciation -	- equipment 360	\checkmark	
	Narratives Disposal Figures		360 √	
	Bank For both	900	√ 	
	Disposal		900	
	Disposal √OF For both	60		
	Income & expenditure		60	(9)
	(ii) Wages	600	√ 	
	Suspense		600 √	
	(iii) Caterer Suspense	450	√ 450 √	

Question	Answer					Mark
Number						
3(d)(i)		Subscriptions	accoun	t		
			£		£	
		Balance b/d	500 v	Balance b/d	1 400 √	
		Income & expenditure√	6 000) Bank	4	
	700 √					
				Bad debts	200 √	
		Balance c/d	<u>700</u> √	Balance c/d	<u>900</u> √	
			<u>7 200</u>		<u>7 200</u>	(7)
		Balance b/d	900	Balance b/d	700	

Past Paper (Mark Scheme)

Question	Answer	Mark
Number 3(d)(ii)	Income & expenditure account for the year ended 30 April 2012	
	$\frac{\pounds}{Income}$ $\frac{\pounds}{Subscriptions}$ $\frac{\pounds}{VOF}$ $\frac{\pounds}{E}$ $\frac{\pounds}{E}$ $\frac{\pounds}{E}$ $\frac{\pounds}{E}$ $\frac{\pounds}{E}$ $\frac{1}{E}$ $\frac{1}{$	
	Donations $4800 $ Profit on the sale of equipment $60 $ $$ OF	
	10 860	
	Annual dinner Sales of tickets 2 900 Less	
	Hire of hall 560 √ Catering (1950 +600 -450) <u>2 100</u> √√	
	Profit on the annual dinner 240 √OF	
	Tennis balls Sales 1 550 less	
	Opening inventory 750 Purchases 1200	
	Closing inventory 630 1 320	
	Profit on sale of tennis balls $230 \sqrt{\sqrt{(VOF)}}$	
	330	
	Less <u>Expenditure</u> Loan interest 1 500 √	
	Bad debts 200 $\sqrt{}$ Depreciation – equipment (1 830 +960 -180) 2 610 $\sqrt{\sqrt{(\sqrt{OF})}}$	(19)
	-lease 2 000	
	$\sqrt[4]{\sqrt{4}}$ Wages 5 200 +600 5 800	
	Sundry expenses (3 800 +2 650 - 1 150) $\frac{5300}{\sqrt{4}}$	
	each adjus't) (√	
	(<u>17 410)</u> Deficit (<u>6 080)</u>	

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Question Number	Answer	Mark
3(e)	Valid answers may include: Benefits • The medium term future of the club has been secured by the leasehold • The records are professional with a full double entry system • The facilities of the club e.g the equipment are relatively new assisting the recruitment of new members	
	 Against The club is making a significant loss overall The club has a large overdraft which is increasing rapidly The activities of the club are not yielding a surplus e.g annual dinner Income includes a significant donation. This is probably a one off income The club needs to raise its subscription or recruit new members to increase the income Need to control expenses. √√ x two benefits and √√ x two points against. 	(8)

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SECTION B

SOURCE MATERIAL FOR USE WITH QUESTION 4

Zaman is in business buying and selling goods on credit. He maintains a full set of double entry records. The following information relates to the month of March 2012:

On 1 March 2012 Zaman was owed the following by his debtors:

1 500 Fahi Shirin 500 Marvan 800 2 900 Jegan

Sales were made by Zaman as follows:

Fahi 6 March Goods with a list price of £1 200, allowed 20% trade discount 15 March Goods with a list price of £700, allowed 10% trade discount Marvan Cash sales 20 March £500

Fahi 26 March Goods with a list price £300, but no discount.

3. Sales returns:

Fahi 9 March Goods supplied on 6 March with a list price of £200

Zaman received the following payments by cheque:

The balance owing on 1 March less 2% cash discount 10 March

14 March £2 000 less 3% cash discount Jegan

5. On 13 March Zaman was informed that Shirin had been declared bankrupt and a payment of £0.40 in the £1 was received in final settlement of the debt.

Required:

(a) Zaman divides his ledger into three sections – general ledger, purchases ledger and sales ledger. Explain **two** advantages of dividing the ledger into three sections.

(4)

(8)

(4)

(b) Prepare the following ledger accounts in the books of Zaman:

(i) Fahi account

(ii) Shirin account

(2)

(iii) sales ledger control account. (14)

(c) Evaluate the use of control accounts in a business.

(Total 32 marks)

Answer space for question 4 is on pages 18 to 19 of the question paper.

Past Paper (Mark Scheme)

Question Number	Answer	Mark
4(a)	 Division of labour – a number of people can work on the ledger at the same time Segregation of duties Ease of reference – similar accounts are placed together and can be referred to more easily Balances from sections of the ledger e.g sales ledger, can be more easily obtained Fraud prevented/ additional control Specialisation √√ per valid point X 2	(4)

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	4 (D)	£ £	
		1 March Balance b/d 1 500 $\sqrt{}$ 9 March Goods/Sales returns 160 $\sqrt{}$	
		6 March Goods/sales 960 $\sqrt{}$ 10 March Bank 1 470 $\sqrt{}$	
		26 March Goods/sales 300 √ 10 March Discount allowed	(8)
		31 March Balance c/d $\frac{1\ 100}{\sqrt{(\sqrt{OF})}}$	
		<u>2 760</u> <u>2</u>	
		760 1 AprilBalance b/d 1 100	
		(ii)	
			(2)
		£	
		1 March Balance b/d 500 13 March Bank/Cash 200 √	
		(iii) Sales ledger control account £	
			(14)
		31 March Sales 1 890 $\sqrt{\sqrt{31}}$ March Bank 1470+1940+200 3 610 $\sqrt{}$	
		31 March Discount allowed 90 $\sqrt{\checkmark}$	
		31 March Bad debts	
		$300 \sqrt{\sqrt{300}}$ 31 March Balance c/d 3	
		430 √√	
		(√OF if Cr) 7 590 7 590	
		1 AprilBalance b/d 3 430	
		√OF for each entry if on correct side with narrative	

Past Paper (Mark Scheme)

Question Number	Answer	Mark
4(c)	Valid answers may include: Benefits The ledger can be sub divided for checking arithmetical accuracy Checking device Identifies errors Against	
	 Those errors which do not affect the balancing of the trial balance are not revealed by control accounts √√ for one benefit and √√ for one point against. NO Marks for 'corrects errors' 	(4)

SOURCE MATERIAL FOR USE WITH QUESTION 5

- 5. Nalin Manufacturing produces two types of handbag, the standard and the deluxe. There are two production lines, one line produces the standard and one line produces the deluxe. The following information relates to the month of April 2012:
 - (i) During April 2 500 standard and 1 000 deluxe handbags were manufactured.
 - (ii) Both production lines use the same raw material. The record of raw material showed the following:

Balance	500 metres @ £12 per metre
Receipt	1 000 metres @ £14 per metre
Issue	800 metres
Receipt	500 metres @ £16 per metre
Issue	800 metres
	Issue Receipt

Nalin Manufacturing issues raw material using the First In First Out (F.I.F.O.) method of inventory valuation.

During April, £13 000 of the raw material was used on the standard production line and the remainder on the deluxe production line.

- (iii) The standard production line employs 20 workers and the deluxe production line employs 30 workers. Each worker is paid a basic rate of £5 per hour and works 46 hours per week for 4 weeks in April. Forty hours per week will be at the basic rate and six hours per week at time and a half.
- (iv) A royalty of £1 per handbag is paid for the standard and £2 per handbag for the deluxe.
- (v) Production overheads were:

	£
Managers' salaries	8 000
Rent and rates	5 600
Equipment depreciation	6 000
Canteen costs	5 500

Overheads are to be apportioned to the two production lines on the most appropriate basis. The following information is available:

	Standard	Deluxe
Floor area (sq m)	400	300
Equipment value (£000)	160	80
Employees (number)	20	30

(vi) The value of work in progress was:

	Standard	Deluxe
	£	£
1 April 2012	7 300	7 550
30 April 2012	5 300	10 000

Summer 2012
Past Paper

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Accounting Unit 1
WAC01 or WAC11

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Required:

(a) Explain the accounting term **prime cost**.

(4)

(b) Prepare the departmental manufacturing account for the month of April, showing the cost of manufacture of the standard and deluxe production lines. You are advised to prepare the account in columnar format.

(24)

(c) Evaluate the use of First In First Out (F.I.F.O.) as a method of valuing raw material issues.

(4)

(Total 32 marks)

Answer space for question 5 is on pages 20 to 22 of the question paper.

Past Paper (Mark Scheme)

Question	Answer	Mark
Number		
5(a)	The term prime cost refers to the materials, direct labour and direct expenses. $\sqrt{\surd}$	(4)
	These items are generally the direct/variable costs of production. $\sqrt{\checkmark}$	

Question Number	Answer			Mark
5(b)	Nalin M Manufacturing account	lanufacturing for the month of A	pril 2012	
	Total	Standard	Deluxe	
		£	££	
	Opening inventory of materials $\sqrt{}$		6 000	
	Purchases of materials $\sqrt{}$		<u>22</u> <u>000</u>	
	Closing inventory of materials $6.400 \sqrt{}$	_	28 000	
	Materials consumed 600 21 600	13 000	8	
	Production labour 49 000 √√	19 600	29 400	
	Royalties $4500 \sqrt{\checkmark}$	2 500	2 000	
	PRIME COST √ 000 75 100 Production overheads:	35 100	40	
	Managers' salaries 8 000 √√	3 200	4 800	(24)
	Rent & rates 5 600 √√	3 200	2 400	()
	Equipment depreciation 6 000 √√	4 000	2 000	
	Canteen costs $ 300 \qquad 5500 \sqrt{\checkmark} $	<u>2 200</u>	<u>3</u>	
		12 600	12 500	
	25 100 Work in progress: 1 April 2012	7 300	7 550	

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14 850 √ 30 April 2012	<u>(5 300)</u>	<u>(10</u>	
000) (15 300) √ (450)	2 000	(2 450)	
COST OF MANUFACTURE $\sqrt{050}$ 99 750 $\sqrt{\checkmark}$	49 700	<u>50</u>	
(√OF)			

Question Number	Answer	Mark
5(c)	Valid answers may include: Benefits • FIFO more widely accepted (e.g by Revenue) • Maintains inventory value nearer to market/replacement value Against • Inventory issued to production at below replacement value.	(4)
	$\sqrt{\checkmark}$ for one benefit and $\sqrt{\checkmark}$ for one point against.	(-)

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SOURCE MATERIAL FOR USE WITH QUESTION 6

6. Seema owns a business retailing computer equipment. Her trial balance on 1 March 2012 was as follows:

	Dr	Cr
	£	£
Capital		60 000
Non-current assets	45 000	
Provision for depreciation on non-current assets		24 000
Inventory	28 000	
Trade payables		20 000
Trade receivables	23 000	
Cash/Bank	8 500	
Rent accrued		500
	104 500	104 500

During the month ended 31 March 2012 the following were the summarised transactions for Seema's business:

- 1. Revenue sales of computers were £95 000 of which £19 000 were for cash and the remainder were on credit. Seema uses a mark-up of 25% on all sales
- 2. Purchases of £76 000 were all on credit
- 3. Debtors paid £70 000 less a 2% cash discount
- 4. Creditors were paid £65 000 less a 4% cash discount
- 5. Seema brought additional non-current assets worth £8 000 into the business from her own private resources
- 6. The quarterly rent of £1 500 was paid by cheque
- 7. Invoices for sundry expenses £4 700 were received for the month. Cheques for £3 500 were paid to the suppliers of sundry expenses.

Required:

(a) (i) Explain the accounting concept of accrual

(2)

(ii) Explain, using the example of the quarterly rent in 6 above, how the amounts recorded in the cash book, trial balance and statement of comprehensive income for March 2012 will differ.

(6)

(b) Prepare Seema's trial balance at 31 March 2012. Clearly show all workings.

(20)

(c) Evaluate the usefulness of the trial balance in ensuring the accuracy of the books.

(4)

(Total 32 marks)

Answer space for question 6 is on pages 23 to 25 of the question paper.

Past Paper (Mark Scheme)

Question Number	Answer	Mark
6(a)(i)	The accrual or matching concept differentiates between what has been paid and what has been used in the accounting period. $$	(2)

Question	Answer	Mark
Number		
6(a)(ii)	The cash book will record the actual payment £1 500 $\sqrt{\checkmark}$. The trial balance will record the balance on the account of two months rent £1 000 $\sqrt{\checkmark}$. The statement of comprehensive income will show the amount used in March only £500.(£6 000 per annum) $\sqrt{\checkmark}$	(6)

Question Number	Answer	Mark
Question Number 6(b)	Trial balance at 31 March 2012	(20)
	Sundry expenses +4 700 4 700 √ 211 800 211 800	

Past Paper (Mark Scheme)

Question Number	Answer	Mark
6(c)	Valid answers may include: Benefits • The trial balance balancing is prima facie evidence of correctness • Seema can then start to prepare the financial statements.	
	 Against Some errors will not be revealed by the trial balance balancing e.g commission If there is a debit and a credit of equal value errors will not be revealed. √√ for one benefit and √√ for one point against. 	(4)

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SOURCE MATERIAL FOR USE WITH QUESTION 7

7. Zoe started a taxi business on 1 January 2009. The following information relates to the vehicles account in the non-current assets:

1 Juliualy 2007	i dichased veinere it by cheque for 20 000
1 April 2010	Purchased Vehicle B on credit from Soames Garages for £8 000
1 July 2010	Purchased Vehicle C by cheque for £10 000
1 July 2011	Purchased Vehicle D for £9 000 giving in part exchange Vehicle B at an agreed
	valuation of £5 400. The balance of the purchase price was paid by cheque.

Zoe has the following depreciation policy:

- Vehicles are depreciated at the rate of 20% per annum using the straight line method
- Depreciation is charged on vehicles purchased or sold during a year in proportion to the months of ownership.

Required:

- (a) Explain:
 - (i) the accounting concept of going concern

1 January 2009 Purchased Vehicle A by cheque for £6,000

(2)

(ii) why the accounting concept of going concern is important when charging depreciation in the financial statements.

(2)

(b) Prepare a table showing the depreciation charged on **each** of the vehicles A, B, C and D, in **each** of the years 2009, 2010 and 2011.

(8)

- (c) Prepare the following for the year ended 31 December 2011:
 - (i) Vehicle account
 - (ii) Vehicle Provision for depreciation account
 - (iii) Vehicle disposal account.

(10)

(d) (i) Distinguish between capital expenditure and revenue expenditure.

(2)

- (ii) State, giving your reasons, whether the following would be **capital expenditure** or **revenue expenditure**:
 - Vehicle tax for Vehicle A
 - A new engine for Vehicle A.

(4)

(e) Evaluate Zoe's choice of the straight line method as a basis for charging depreciation on vehicles.

(4)

(Total 32 marks)

Answer space for question 7 is on pages 26 to 28 of the question paper.

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blank

If you answer	question 7	7, put a c	cross in th	his box ().

Source material for question 7 is on page 13 of the source booklet.

7. (a) Explain:

(i)	the accounting concept of going concern
	(2)
(ii)	why the accounting concept of going concern is important when charging depreciation in the financial statements.
	(2)

(b) Prepare a table showing the depreciation charged on **each** of the vehicles A, B, C and D, in **each** of the years 2009, 2010 and 2011.

Vehicle					
	A	В	C	D	TOTAL
2009					
2010					
2011					
TOTAL					

(8)

Past Paper (Mark Scheme)

Question	Answer	Mark
Number		
7(a)(i)	The concept of going concern assumes that the business has an	(2)
	indefinite life/foreseeable future. $\sqrt{}$	

Question	Answer	Mark
Number		
7(a)(ii)	The cost of purchasing a non-current asset will fall in a single year, but the depreciation placed into the statement of comprehensive income will relate only to the amount estimated to have been used in that period. $$	(2)

Question Number	Answer							Mark
7(b)				Vehicle	9			
		Α	В		2	D	Total	
		£		£	£		£	
	£							
	2009	1 200 √						
	1 200							(8)
	2010	1 200 √	1	200 √		1 000	\checkmark	
		3 400						
	2011	1 200 √		800 √	2 00	0 √		
	<u>900 √</u>	4 900						
	Total	3 600	2 000	3 00	00	900		

Question Number	Answer	Mark
7(c)	Vehicle account £ £	
	1/1/2011 Balance b/d 24 000 $\sqrt{}$ 30/9/2011 Disposal / 8 000 $\sqrt{}$	
	Sale of	
	vehicle $1/7/2011$ Bank/creditor/ 9000 $\sqrt{31/12/2011}$ Balance c/d 25000	
	Cash/Purchase/ <u>Veh D</u> <u>33 000</u>	
	$\frac{33\ 000}{1/1/2012}$ Balance b/d 25 000 √	
	Vehicle – provision for depreciation account \pounds	
	1/7/2011 Disposal / 2 000 $\sqrt{}$ 1/1/2011 Balance b/d 4 600 $\sqrt{}$ OF	
	Sale of vehicle 31/12/2011 Balance c/d $\frac{7500}{\sqrt{0}}$ 31/12/2011 Income state't $\frac{4900}{\sqrt{0}}$	
	<u>9 500</u> <u>9</u>	
	500 1/1/2012 Balance b/d 7 500 √OF	(10)
	Disposal account	
	£ £ 30/9/2011 Vehicle a/c 8 000 1/7/2011 Depreciation 2 000	
	31/12/2011 Exchange 5	
	400 √ 31/12/2011 Income state't	
	<u>600</u> √OF	
	<u>8 000</u> /Loss on sale <u>8 000</u>	

Question Number	Answer	Mark
7(d)(i)	Capital expenditure is the purchase of non-current assets or the enhancement of non-current assets. \checkmark	
	Revenue expenditure is the day to day operating expenditure of the business. $\!\!\!\!$	(2)

Past Paper (Mark Scheme)

Question	Answer	Mark
Number		
7(d)(ii)	The vehicle tax is a day to day expenditure which will not add to the	
	value of the non-current asset. Therefore it is revenue expenditure $\sqrt{}$.	
	A new engine will enhance the value of the non-current asset and therefore will be capital expenditure $\sqrt{}$.	(4)

Question Number	Answer	Mark
7(e)	 Valid answers may include: Benefits Equal amounts charged in each year of ownership for benefit received Against Vehicles will depreciate more in the early years of ownership Total cost of ownership when maintenance is added will rise. ✓√ for one benefit and √√ for one point against. 	(4)