

**GCE** 

# **Accounting**

Advanced Subsidiary GCE

Unit **F012:** Accounting Applications

# Mark Scheme for January 2013

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This mark scheme is published as an aid to teachers and students, to indicate the requirements of the examination. It shows the basis on which marks were awarded by examiners. It does not indicate the details of the discussions which took place at an examiners' meeting before marking commenced.

All examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

Mark schemes should be read in conjunction with the published question papers and the report on the examination.

OCR will not enter into any discussion or correspondence in connection with this mark scheme.

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#### **Annotations**

Annotation	Meaning
2	Unclear
1111	Benefit of doubt
×	Cross
DIL	Own figure rule
REF	Repeat
	Noted but no credit given
<b>✓</b>	Tick

### **Subject-specific Marking Instructions**

Every working box – whether it contains working or not – must be stamped as 'seen'.

### **Quality of Written Communication**

The rubric states:

4% of the paper marks are available for rewarding Quality of Written Communication.

<sup>\*</sup> In these two questions/sub questions, you will be assessed on the quality of your written communication. 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 assessed on the legibility and style of writing, the clarity and coherence of your arguments and the accuracy of your spelling, punctuation and grammar.

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### Levels of Response for *Numerical* Questions

Level	Mark	Description
3	3	All account headings, terms and balances are included appropriately and in line with accounting conventions.  All figures are legible with effective use made of columns and sub-totals. All accounts are ruled off as appropriate.
2	2	Almost all account headings, terms and balances are included, appropriately and in line with accounting conventions. Figures are legible with effective use made of columns and sub-totals. Accounts are ruled off as appropriate.
1	1	Some account headings, terms and balances are included though not always adhered to accounting conventions. Most figures are legible. Some appropriate use is made of columns and sub-totals. Some accounts are ruled off as appropriate.
-	0	Responses which fail to achieve the standard required for Level 1.

### Levels of Response for *Narrative* Questions

Level	Mark	Description
2	2	Ideas, some complex, are expressed clearly and quite fluently, using an appropriate style of writing. Arguments made are generally relevant and are constructed in a logical and coherent manner. There are few errors of spelling, punctuation and grammar, and those that are made are not intrusive and do not obscure meaning.
1	1	Relatively straightforward or simple ideas are expressed in a generally appropriate style of writing which sometimes lacks clarity or fluency. Arguments have some limited coherence and structure, occasionally showing relevance to the main focus of the question. There are errors of spelling, punctuation and grammar which are noticeable and sometimes intrusive but do not totally obscure meaning.
-	0	Responses which fail to achieve the standard required for Level 1.

# January 2013

Q	uesti	on			Answer			 Marks	Guidance
1	1 (a)		Insurance Suspense	800 (1)	800 (1)			14	Must be correct figure and details for mark. Must identify whether
			Machinery Machinery repairs	5,000 (1)	5,000 (1)				debit or credit if not set out in correct format. Reversed entries no
			Suspense General expenses	350 (1)	350 (1)				mark. If show in T account half marks.
			Suspense Commission received	350 (1)	350 (1)				Must be correct figure and details for mark. Both transactions must be correct for 1 mark.
			Suspense Mark Smalley	2,000 (1)	2,000 (1)				Must show the name of the debtor not just 'debtor'.
			Bad debts Vijay Patel	400 (1)	400 (1)				Do not allow stock for purchases.
			Drawings Purchases	500 (1)	500 (1)				
	(b)			Suspen	se Account			5	Narrative and figure must
			General expenses Commission received Mark Smalley	350 ( 350 ( 2,000 ( 2,700	(1) Bala (1) Inst	ance b/d urance	1,900 800(1) <u>2,700</u> (1)	S S	be correct to be awarded mark.  Allow bal b/d or bal b/f as appropriate but not bal on its own or b/d or b/f on its own.  Allow trial balance difference for opening balance.  Must state correct debtor's name: Mark Smalley.  Allow total 7,700.

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Question	Answer	Marks	Guidance
(c)	Statement of revised Net Profit         40,600           Original Net Profit         40,600           Increase         Decrease           Insurance         800 (1)           Machinery         5,000 (1)           General expenses         350 (1)           Commission received         350 (1)           Bad debts         400 (1)           Drawings         500 (1)           6,200         1,200           5,000 (1)	,	Must show whether items have been added or deducted for a mark, if no signage assume added.  Mark figure only.  Correct answer only.
(d)	Omission (1): A transaction has been completely omitted from the accounts (1), neither a debit or a credit entry has been made (1).  Commission (1): A transaction has been posted using the correct figure (1) but to the wrong account (1).  Principle (1): The correct figure has been used (1) but the transaction has been posted to the wrong class of account (1).  Complete reversal (1): The transaction has been posted at the correct value (1), but the debit has been posted as a credit and vice versa (1).  Error of original entry (1): The transaction has been incorrectly entered in the book of original entry (1). This generates an identical (1) incorrect posting of the entry in the ledger accounts (1) with both the debit and credit sides equally affected (1).  Compensating (1): Errors totalling the same amount (1) on the debit side are cancelled out by errors on the credit side of the accounts (1).	9	3 x 3 marks  Allow error of transposition.
	Total	35	

Q	uesti	ion		Answ	ver					Marks	Guidance	
2	(a)		Penlands Ltd Cash Budget for the three months ending 30 June 2013								Receipts – Sales – can show totals	
			Receipts	<u>April</u>		<u>May</u>		<u>June</u>			April May Ju	ine 400
			Cash sales Receipts from debtors – 1 month Receipts from debtors – 2 months Sale of motor vehicle Loan	9,600 16,800 16,800 2,500	(1) (1) (1) (1)	9,600 19,200 16,800 16,000	(1) (1) (1)	10,000 19,200 19,200	(1) (1) (1)		33,600 (2) 36,000 (2) 38,4 (2) Payments – Purchases can sho totals April May Ju 20,000 (2) 22,500 (2) 23,6	400 ow ine 000
			Payments Cash purchases Payments to creditors Rent	45,700 11,000 9,000 2,600	(1) (1)	61,600 12,000 10,500 2,600	(1) (1)	48,400 12,000 11,000 2,600	(1) (1) (1 line)		(2)  General Exp and Wages can be shown separate, both figures must be correct to be awarded mark.	
			General expenses Wages Loan interest Motor van	6,850 14,800	(1) (1)	7,350 17,400 <u>9,000</u> <u>58,850</u>	(1) (1)	7,500 18,640 160 <u>9,000</u>	(1) (1) (1) (1 line)		Gen Exp         May         Ju           4,900         5,250         5,25           1,950         2,100         2,25	
			Net cash flow Opening balance Closing balance	44,250 1,450 6,200 7,650		58,850 2,750 7,650 10,400		60,900 (12,500) 10,400 (2,100)	(1)		Wages         May         Ju           12,000         14,400           15,040         3,000           3,600         3,000	ıne
											Can show opening balance at to of budget. Closing balance correct answer only.	-

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Question	Answers	Marks	Guidance
(b)	Budgeting allows a business to plan future expenditure (1) and therefore provides a way of controlling expenditure (1) and cash flow (1).  The plans need to be co-ordinated (1) with different departments therefore allowing communication (1) within the departments (1).  Targets can be set (1) within different departments, actual results compared with budgeted results (1) to see if targets have been met, this can help to motivate managers and staff (1).  Budgets can be used for decision making (1) and planning (1) to anticipate problems before they arise (1) giving time to consider alternative courses of action (1).	9	1 for point plus up to 2 for development
	Total	36	

C	uestion		Marks	Guidance	
3	(a)	net profit as a percentage of sales return on capital employed current ratio liquid (acid test) ratio stock turnover	Answer  = 8% (1) = 18.27% (1) = 6.65:1 (1) = 1.40:1 (1) = 6.45 times (1)	5	Must show signage to be awarded mark. Must show to 2 decimal places for mark, check figures in calculation, correct answer may be there, don't just look at the answers in the box. If expressed incorrectly no
	(b) *	the goods is higher (1) for Michael Colton, or competitor (1). It could also be caused by his Michael's ROCE is better than his competito making more profit per pound on investment bank interest rate (1) and at present is higher ather than putting it into the bank (1).  The current ratio of 6.65:1 is extremely high side (1) as the generally accepted ratio should caused by high stock holding (1). The acid to generally accepted ratio is 1:1 (1), however to not be making the best use of resources (1). Michael's stock-turnover is higher than his confrequently than his competitor (1). This is a bis selling his stock more frequently than then sells (1) this contributes to the profitability (1). Although Michael's net profit ratio is lower than his liquidity position is healthier than that have very poor liquidity (1) which may lead to	ver than the competitor, this may be because the cost of the is not marking his purchases up as much as his expenses being higher than his competitor (1). If at 18.27% compared to 12.50%, this means that he is in the company (1). This ratio could be compared to the refere the company is benefiting from the investment (1), the current ratio of his competitor is also on the high lid be around 2:1 (1), in Michael's case this is probably est ratio at 1.40:1 is also a little high (1) as here the the ratio of his competitor ratio of 0.2:1 is very low (1) may competitor (1) which means that he is selling it more netter performance than that of his competitor (1), since he is to a greater extent than his competitor.  In that of his competitor his other ratios are all better (1), to of his competitor (1), in fact his competitor does look to be serious cash flow problems (1). Michael also needs to or considering one year for competition for Michael (1).	12	mark.  Answers must include analysis and evaluation not just state one business is better than the other.  Max 2 marks for stating the ratio is higher or lower.  Analysis is based on own figures calculated in part a, need to refer back when marking.  QWC: Must be identified at the end of the question with 1 or 2 ticks. If no marks awarded then mark with a red cross to show it has been considered. Must address the
			QWC	2	question to gain any QWC marks.
			Total	19	

Question		Answer		Marks	Guidance
4 (a)	Ruskin Social Club Bar Trading Account for the year ender Bar sales Opening stock Purchases  Closing stock Cost of sales Gross Profit Bar staff wages  Net Profit	8,400 30,400 38,800 9,600 17,980 (1)	66,000 (1)  29,200 36,800  17,980 18,820 (1)	5	Correct answer only for mark. Must be in correct format.
(b) *	Income and Expenditure Account for the Income Profit from Bar Subscriptions Profit from Dinner Dance Donations Savings interest  Expenses Caretakers wages Heating and lighting Insurance Bad debts Loss on sale of equipment Depreciation equipment Surplus of income over expenditure	20,000 5,000 1,020 (1) 200 (1) 100 (1) 1,400 (2)	18,820 (1) 15,900 (3) 900 (1) 3,000 115 (2) 38,735 (2)	22	Can show workings for subscriptions in subs account  Subs account  Bal b/d 1,000 Bal b/d 900(1)  I & E 15,900 Bank 16,600 Bad debt 200  Bal c/d 1,200 Bal c/d 400(1)  18,100 18,100  Award marks for the following workings 14,600, +900(1,) +400(1).  Must calculate profit from dinner dance to be awarded mark. (Do not allow items separate in income and expenditure.)  Depreciation 2 or 0  Loss on sale must be shown in expenses.  Correct answer only must show as surplus not profit.
					Accept vertical and horizontal presentation of income and expenditure account and balance sheet.

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Question	Ar	Marks	Guidance					
	Balance Sheet as at 31 December 2012							
	Fixed Assets							
	Clubhouse			250,000				
	Equipment			26,300				
				276,300	(1)			Must calculate net figure for fixed
	Current Assets							assets to be awarded mark.
	Stock	9,600						
	Subs owing	400	(1)					
	Savings account	2,600						
	Insurance prepaid	100	(1)					Correct answer only for current
	Savings account interest	115						assets and current liabilities, items
	Bank	<u> 17,100</u>						must be in the correct section.
		29,915	(1)					
	<u>Current Liabilities</u>							
	Creditors	1,800						
	Subs in advance	1,200	(1)					
	Bar wages owing	<u> 180</u>	(1)					QWC: must be identified at the end of
		3,180						the question by showing 1, 2 or 3
	Working capital			<u> 26,735</u>				ticks. If no mark awarded then mark
				<u>303,035</u>				with a red x to indicate that it has been considered.
	Financed by							been considered.
	Accumulated Fund			292,020	(2)			
	Surplus of Income over Expenditure			11,015				
				<u>303,035</u>				
						QWC	3	
						Total	30	

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