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.

## Annotations

| Annotation | Meaning |
| :---: | :--- |
| 2 | Unclear |
|  | Benefit of doubt |
|  | Cross |
|  | Own figure rule |
|  | Repeat |
|  | Noted but no credit given |
|  | 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:

* 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.

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

## 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. <br> 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 <br> conventions. Figures are legible with effective use made of columns and sub-totals. Accounts are ruled off as <br> appropriate. |
| 1 | 1 | Some account headings, terms and balances are included though not always adhered to accounting conventions. <br> Most figures are legible. Some appropriate use is made of columns and sub-totals. Some accounts are ruled off as <br> 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 <br> made are generally relevant and are constructed in a logical and coherent manner. There are few errors of <br> 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 <br> sometimes lacks clarity or fluency. Arguments have some limited coherence and structure, occasionally showing <br> relevance to the main focus of the question. There are errors of spelling, punctuation and grammar which are <br> noticeable and sometimes intrusive but do not totally obscure meaning. |
| - | 0 | Responses which fail to achieve the standard required for Level 1. |



| Questi | Answer | Marks | Guidance |
| :---: | :---: | :---: | :---: |
| (c) |  | 7 | Must show whether items have been added or deducted for a mark, if no signage assume added. <br> Mark figure only. <br> 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). <br> Commission (1): A transaction has been posted using the correct figure (1) but to the wrong account (1). <br> Principle (1): The correct figure has been used (1) but the transaction has been posted to the wrong class of account (1). <br> 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). <br> 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). <br> 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 | $3 \times 3$ marks <br> Allow error of transposition. |
|  | Total | 35 |  |



| Questi | 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). <br> The plans need to be co-ordinated (1) with different departments therefore allowing communication (1) within the departments (1). <br> 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). <br> 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 |  |


| Question |  | Answer | Marks | Guidance |
| :---: | :---: | :---: | :---: | :---: |
| 3 | (a) | net profit as a percentage of sales $=8 \%(1)$ <br> return on capital employed $=18.27 \%(1)$ <br> current ratio $=6.65: 1(1)$ <br> liquid (acid test) ratio $=1.40: 1(1)$ <br> stock turnover $=6.45$ times $(1)$ | 5 | Must show signage to be awarded mark. <br> 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 mark. |
|  | (b) | The net profit as a percentage of sales is lower than the competitor, this may be because the cost of the goods is higher (1) for Michael Colton, or he is not marking his purchases up as much as his competitor (1). It could also be caused by his expenses being higher than his competitor (1). Michael's ROCE is better than his competitor at $18.27 \%$ compared to $12.50 \%$, this means that he is making more profit per pound on investment in the company (1). This ratio could be compared to the bank interest rate (1) and at present is higher therefore the company is benefiting from the investment rather than putting it into the bank (1). <br> The current ratio of $6.65: 1$ is extremely high (1), the current ratio of his competitor is also on the high side (1) as the generally accepted ratio should be around 2:1 (1), in Michael's case this is probably caused by high stock holding (1). The acid test ratio at 1.40:1 is also a little high (1) as here the generally accepted ratio is $1: 1$ (1), however the ratio of his competitor ratio of $0.2: 1$ is very low (1) may not be making the best use of resources (1). <br> Michael's stock-turnover is higher than his competitor (1) which means that he is selling it more frequently than his competitor (1). This is a better performance than that of his competitor (1), since he is selling his stock more frequently than them (1). This means that he makes a profit on every item he sells (1) this contributes to the profitability (1) to a greater extent than his competitor. <br> Although Michael's net profit ratio is lower than that of his competitor his other ratios are all better (1), and his liquidity position is healthier than that of his competitor (1), in fact his competitor does look to have very poor liquidity (1) which may lead to serious cash flow problems (1). Michael also needs to consider trends over time, (1) at present only considering one year for competition for Michael (1). | 12 | 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. <br> Analysis is based on own figures calculated in part a, need to refer back when marking. <br> 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 question to gain any QWC marks. |
|  |  | QWC | 2 |  |
|  |  | Total | 19 |  |



| Question | Answer |  |  | Marks | Guidance |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Balance Sheet as at 31 December 2012 <br> Fixed Assets <br> Clubhouse <br> Equipment <br> Working capital <br> Financed by <br> Accumulated Fund <br> Surplus of Income over Expenditure | $\begin{array}{r} 250,000 \\ \frac{26,300}{} \\ \hline 276,300 \end{array}$ <br> (1) <br> (1) <br> (1) <br> (1) <br> (1) $\begin{array}{r} \underline{26,735} \\ \underline{\underline{303,035}} \\ 292,020 \\ \underline{\underline{303,015}} \end{array}$ | (1) <br> (2) |  | Must calculate net figure for fixed assets to be awarded mark. <br> Correct answer only for current assets and current liabilities, items must be in the correct section. <br> QWC: must be identified at the end of the question by showing 1, 2 or 3 ticks. If no mark awarded then mark with a red $x$ to indicate that it has been considered. |
|  |  |  | QWC | 3 |  |
|  |  |  | Total | 30 |  |

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