## edexcel

Mark Scheme (Results)
Summer 2012

IGCSE Accounting (4ACO)
Paper 01

## Edexcel and BTEC Qualifications

Edexcel and BTEC qualifications come from Pearson, the world's leading learning company. We provide a wide range of qualifications including academic, vocational, occupational and specific programmes for employers. For further information, please visit our website at www.edexcel.com.

Our website subject pages hold useful resources, support material and live feeds from our subject advisors giving you access to a portal of information. If you have any subject specific questions about this specification that require the help of a subject specialist, you may find our Ask The Expert email service helpful.
www.edexcel.com/contactus

Pearson: helping people progress, everywhere
Our aim is to help everyone progress in their lives through education. We believe in every kind of learning, for all kinds of people, wherever they are in the world. We've been involved in education for over 150 years, and by working across 70 countries, in 100 languages, we have built an international reputation for our commitment to high standards and raising achievement through innovation in education. Find out more about how we can help you and your students at: www.pearson.com/uk

Summer 2012
Publications Code UG031569
All the material in this publication is copyright
© Pearson Education Ltd 2012

- All candidates must receive the same treatment. Examiners must mark the first candidate in exactly the same way as they mark the last.
- Mark schemes should be applied positively. Candidates must be rewarded for what they have shown they can do rather than penalised for omissions.
- Examiners should mark according to the mark scheme not according to their perception of where the grade boundaries may lie.
- There is no ceiling on achievement. All marks on the mark scheme should be used appropriately.
- All the marks on the mark scheme are designed to be awarded. Examiners should always award full marks if deserved, i.e. if the answer matches the mark scheme. Examiners should also be prepared to award zero marks if the candidate's response is not worthy of credit according to the mark scheme.
- Where some judgement is required, mark schemes will provide the principles by which marks will be awarded and exemplification may be limited.
- When examiners are in doubt regarding the application of the mark scheme to a candidate's response, the team leader must be consulted.
- Crossed out work should be marked UNLESS the candidate has replaced it with an alternative response.


## Section A

| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 1 | A | $(1)$ |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 2 | C | $(1)$ |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 3 | D | (1) |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 4 | A | $(1)$ |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 5 | B | $(1)$ |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 6 | B | $(1)$ |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 7 | C | $(1)$ |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 8 | D | $(1)$ |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 9 | B | $(1)$ |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 10 | A | $(1)$ |

## Section B

| Questio <br> n <br> Number | Answer |  |  |  |  |  | Mark |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 11(a) | Sales ledger (total debtors) control account |  |  |  |  |  | (10) |
|  | Date | Narration |  | £ | Date | Narration |  |
|  | Mar 1 | Balance b/f | (1) | $\begin{aligned} & 12 \\ & 80 \end{aligned}$ | Mar 31 | Returns inwards |  |
|  | Mar 31 | (Credit) Sales | (1) | $\begin{aligned} & 26 \\ & 780 \end{aligned}$ | Mar 31 | Bad Debts |  |
|  | Mar 31 | Cash Book | (1) | 125 | Mar 31 | Cash Book (Bank) |  |
|  |  |  |  |  | Mar 31 | Discount Allowed |  |
|  |  |  |  |  | Mar 31 | PL Set off (Contra) |  |
|  |  |  |  |  | Mar 31 | Balance c/d |  |
|  |  |  |  | $\begin{aligned} & 39 \\ & \underline{705} \\ & \hline \end{aligned}$ |  |  |  |
|  | Apr 1 | Balance b/d | $\begin{aligned} & \hline(2 \mathrm{cf}) \\ & (1 \mathrm{of}) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 24 \\ & 513 \\ & \hline \end{aligned}$ |  |  |  |


| Questio <br> $n$ <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 11 (b) | A contra entry can arise when a customer is also a supplier of the <br> business (1). Instead of the customer paying us for goods supplied <br> (1) their balance is offset against the amount owing to them for good <br> or services supplied (1). | (3) |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 11 (c) | Award one mark for each clear advantage identified |  |
|  | Sample answ ers: <br> Verifies the arithmetical accuracy of the sales ledger (1). <br> Assists in the prevention of fraud (1). <br> Provides management with total debtors (1) <br> Helps in the preparation of the balance sheet (1). <br> Detects errors in individual ledgers (1). | (2) |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| $12(\mathrm{a})(\mathrm{i})$ | Assets (1) = Capital (1) + Liabilities (1) (must be correct <br> direction) | (3) |


| Question | Answer |  | Mark |
| :---: | :---: | :---: | :---: |
| 12(a)(ii) | Assets Liabilities <br> Equipment 5000 Creditors 430 <br> $(1 \mathrm{cf})$ <br> Motor vehicles 12 500  <br> Stock of vehicles 45 000 Capital 64880 <br> Stock of materials 2 250  <br> Debtors 560  <br> Total Assets $=65310$ <br> $(1 \mathrm{cf})$  <br> Assets $65310=$ Capital (64880) + Liabilities (430) ((1) for correct formula) |  | (3) |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| $12($ a)(iii) | The marks are awarded for identifying the effect on assets, and <br> capital. <br> Sam ple Answ er <br> The asset of debtors would be reduced by £100 (1) and capital <br> would also be reduced by £100 (1) as the provision would reduce <br> profit (1) | (3) |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 12(b)(i) | The marks are awarded for a correct definition. Do not <br> award any marks for examples. |  |
|  | Sample Answer <br> Capital expenditure is monies spent on the purchase <br> of or addition to a fixed asset (1) and are included on <br> the balance sheet (1). They are purchased to generate <br> profit for the business and not for resale (1). They will <br> last longer than one year (1) (Max 3) | Revenue expenditure is monies spent on the day to <br> day running of a business (1) and are included on the <br> trading, and profit and loss account (1). The cost is <br> written off against profit in the year incurred (1). They <br> are used up within one year (1) (Max 3) | (6) $\quad$ (


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| $12(\mathrm{~b})$ (ii) | Revenue <br> Revenue <br> Revenue <br> Neither <br> Capital | (5) |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 12(c) | Award one mark for stating that this would result in an <br> incorrect set of final accounts and up to a further four <br> marks for a good example. |  |
|  | Sample Answ er <br> If a business does not treat capital and revenue <br> expenditure correctly their final accounts will not be <br> accurate and will not reflect a true and fair view (1) of <br> the businesses profits or assets. For example if they <br> were to include the cost of a new motor vehicle (capital <br> expenditure) (1) as an item of expenditure in the profit <br> and loss account (revenue expenditure) (1) their profits <br> would be understated (1) and the valuation on the <br> balance sheet would also be understated (1) | (5) |


| Question Number | Answer |  |  |  | Mark |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 13(a) | Twilight Ltd <br> Trading and Profit and Loss Account For Year Ended 31 March 2012 |  |  |  |  |
|  |  | $£ 000$ | £ 000 |  |  |
|  | Sales |  | 940 |  |  |
|  | Cost of Sales |  |  |  |  |
|  | Opening stock | 125 |  |  |  |
|  | Purchases | 472 |  |  |  |
|  |  | 597 |  |  |  |
|  | Closing stock | 127 |  |  |  |
|  |  |  | 470 | (1cf) |  |
|  | Gross profit |  | 470 | (1cf) |  |
|  | Running expenses |  |  |  |  |
|  | Salaries and wages | 64 |  |  |  |
|  | Directors' remuneration | 10 |  |  |  |
|  | Audit fees (4+1) | 5 |  | (2) |  |
|  | Heat \& light | 28 |  |  |  |
|  | Debenture interest ( $10+10$ ) | 20 |  | (2) |  |
|  | Communication expenses | 20 |  |  |  |
|  | Provision for depreciation: Buildings | 25 |  | (2cf) |  |
|  |  | 16 |  | (2cf) |  |


|  | Fixtures and Fittings |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | (11) |  |  |  |
|  | Profit for year |  | 282 | (10f) |
|  |  |  |  |  |


| Question Number | Answer |  |  |  | Mark |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 13(b) | Twilight Ltd Appropriation Account For Year Ended 31 March 2012 |  |  |  | (5) |
|  |  | $£ 000$ | £000 |  |  |
|  | Profit for year |  | 282 |  |  |
|  | Profit and loss account b/f |  | 326 | (1) |  |
|  |  |  | 608 |  |  |
|  | Appropriations |  |  |  |  |
|  | Transfer to general reserve | 50 |  | (1) |  |
|  | Ordinary share dividend: Interim Paid | 50 |  | (1) |  |
|  | Final Proposed | 100 |  | (1) |  |
|  |  |  | $\underline{200}$ |  |  |
|  | Profit and loss account c/ f |  | $\underline{408}$ | ( 1 ○f) |  |


| Question <br> Number | Answer | Mark |  |
| :--- | :--- | :--- | :--- |
| $13(\mathrm{c})$ | Formula <br> Gross Profit $\times$ <br> Sales  Gross profit <br> margin <br> $\frac{470}{50 \%} \times 100=$ <br> 940 |  | (2) |


| Question <br> Number | Answer |  | Mark |
| :--- | :--- | :--- | :--- |
| $13(\mathrm{~d})$ | Formula | Net profit <br> margin <br> Net Profit $\times 100$ <br> Sales | $\frac{282}{30 \%} \times 100=$ <br> 940 |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 14 (a) | The purpose of a trial balance is to check the <br> arithmetical accuracy of the ledgers (books) (1). The <br> trial balance could also be useful in locating errors. (1) | (2) |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 14 (b) | Award one mark for each identification the correct types <br> of errors: |  |
| commission <br> omission <br> principle <br> original entry <br> compensating <br> complete reversal | (2) |  |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 14 (c) | Award one mark for each correct example given up to <br> two marks in total. Examples could include: <br> omission of the debit or credit entry, <br> addition errors, <br> entering transactions twice on the same side | (2) |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 14 (d) | Current assets less Current liabilities | (1) |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- | :--- |
| 14 (e) | Current Assets Current Liabilities |  |
| Stock <br> 500 | Creditors <br> 354 | 2 |
| Debtors <br> 288 | Accrual <br> 250 |  |



| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 14 (f) | The key here is has the candidate explained fully the <br> effect of poor working capital management and how a <br> sole trader can improve their working capital. <br> Candidates may have calculated the WC ratio and should <br> be given credit for this. <br> Sample Answ ers |  |
|  | Effect of poor working capital management (Max 2 <br> marks) <br> If a business fails to maintain adequate working capital <br> they may be unable to pay their creditors (1) which <br> could eventually mean that they are unable to maintain <br> trading as they are unable to purchase stock on credit <br> (1). Su may also find that she has inadequate cash to <br> pay back her loan which is due in 2013 (1) |  |
|  | Discussion or calculation of working capital ratio <br> (Max 1 mark) |  |
| At present Su Tang's working capital ratio (1) is below <br> the accepted normal level of 2:1 which indicates that <br> she needs to consider strategies to improve on this <br> figure. |  |  |
| Suggestions to improve her working capital (Max <br> marks) <br> Su could take steps to improve her situation by trying to <br> get her debtors (1) to pay their outstanding amounts <br> faster, possibly by offering cash discount to them. She <br> could also consider reducing her drawings (1) or sell off <br> any surplus fixed assets she owns (1) or she may want <br> to consider taking on a partner (1) who could invest <br> some much needed cash into the business. | (5) |  |


| Question Number | Answer |  |  |  | Mark |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 15(a) | Lazy Days Social club Income and Expenditure Account For year ended 29 February 2012 |  |  |  |  |
|  |  |  | £ | £ |  |
|  | Income |  |  |  |  |
|  | $\begin{aligned} & \text { Subscriptions (5000(1)- } \\ & 200(1)+190(1)) \end{aligned}$ | (3) | 4990 |  |  |
|  | Social event profit (4390 $\text { (1) }-1739 \text { (1)) }$ | (2) | 2651 |  |  |
|  |  |  |  | 7641 |  |
|  | Expenditure |  |  |  |  |
|  | Stamps |  | 342 |  |  |
|  | Sundry expenses |  | 139 |  |  |
|  | Rates and insurances | (1cf) | 2474 |  |  |
|  | Lighting and heating | (1cf) | 2300 |  |  |
|  | Bad debt | (1cf) | 145 |  |  |
|  | Depreciation of equipment ( $8000 \times 10 \%$ ) | (1 cf) | 800 |  |  |
|  |  |  |  | 6200 |  |
|  | Surplus of income over expenditure | $\begin{array}{\|l\|} \hline(2 \mathrm{cf}) \\ (1 \mathrm{of}) \\ \hline \end{array}$ |  | 1441 | (11) |


| Question Number | Answer | Mark |
| :---: | :---: | :---: |
| 15 (b) | Aw ard two marks per difference up to a maximum of 4 marks <br> Sample answers <br> Candidates must clearly state a difference to be aw arded the marks | (4) |


|  | AO1 | AO2 | AO3 | AO4 | Totals |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 1 | 0 | 0 | 0 | 1 |
| 2 | 1 | 0 | 0 | 0 | 1 |
| 3 | 1 | 0 | 0 | 0 | 1 |
| 4 | 1 | 0 | 0 | 0 | 1 |
| 5 | 0 | 1 | 0 | 0 | 1 |
| 6 | 1 | 0 | 0 | 0 | 1 |
| 7 | 0 | 1 | 0 | 0 | 1 |
| 8 | 1 | 0 | 0 | 0 | 1 |
| 9 | 0 | 1 | 0 | 0 | 1 |
| 10 | 0 | 1 | 0 | 0 | 1 |
|  |  |  |  |  |  |
| 11(a) | 5 | 5 | 0 | 0 | 10 |
| 11(b) | 0 | 0 | 3 | 0 | 3 |
| 11(c) | 0 | 0 | 2 | 0 | 2 |
| Totals Q11 | 5 | 5 | 5 | 0 | 15 |
|  |  |  |  |  |  |
| 12(a) | 0 | 9 | 0 | 0 | 9 |
| 12(b)(i) | 0 | 0 | 6 | 0 | 6 |
| 12 (b)(ii) | 3 | 2 | 0 | 0 | 5 |
| 12 (c) | 0 | 0 | 0 | 5 | 5 |
| $\begin{gathered} \text { Totals } Q \\ 12 \end{gathered}$ | 3 | 11 | 6 | 5 | 25 |
|  |  |  |  |  |  |
| 13(a) | 7 | 4 | 0 | 0 | 11 |
| 13(b) | 3 | 2 | 0 | 0 | 5 |
| 13(c) | 0 | 0 | 2 | 0 | 2 |
| 13(d) | 0 | 0 | 2 | 0 | 2 |
| $\begin{gathered} \hline \text { Totals } Q \\ 13 \\ \hline \end{gathered}$ | 10 | 6 | 4 | 0 | 20 |
|  |  |  |  |  |  |
| 14(a) | 0 | 0 | 2 | 0 | 2 |
| 14(b) | 0 | 0 | 2 | 0 | 2 |
| 14(c) | 0 | 0 | 2 | 0 | 2 |
| 14(d) | 0 | 1 | 0 | 0 | 1 |
| 14(e) | 0 | 3 | 0 | 0 | 3 |
| 14(f) | 0 | 0 | 0 | 5 | 5 |
| Totals Q1 4 | 0 | 4 | 6 | 5 | 15 |
|  |  |  |  |  |  |
| 15(a) | 0 | 0 | 4 | 0 | 4 |
| 15(b) | 11 | 0 | 0 | 0 | 11 |
| $\begin{gathered} \text { Totals } Q \\ 15 \end{gathered}$ | 11 | 0 | 4 | 0 | 15 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Totals | 35 | 30 | 25 | 10 | 100 |

Further copies of this publication are available from
Edexcel Publications, Adamsway, Mansfield, Notts, NG18 4FN

Telephone 01623467467
Fax 01623450481
Email publication.orders@edexcel.com
Order Code UG031569 Summer 2012


For more information on Edexcel qualifications, please visit our website www.edexcel.com

