## edexcel

Mark Scheme (Results)
January 2015

Pearson Edexcel International GCSE Accounting (4ACO/01)

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- 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 | D | $(1)$ |


| Question | Answer | Mark |
| :--- | :--- | :--- |
| Number |  |  |
| 3 | $B$ | $(1)$ |


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


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


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


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


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


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


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

Section B

| Question Number | Answer |  |  | Mark |
| :---: | :---: | :---: | :---: | :---: |
| 11 (a) | Journal |  |  | (7) |
|  |  | Debit | Credit |  |
|  |  | £ | £ |  |
|  | Purchases | 5 000(1) |  |  |
|  | Fixtures and fittings | 8 000(1) |  |  |
|  | Bank | 8 500(1) |  |  |
|  | (Petty) Cash | 100(1) |  |  |
|  | Loan |  | $\begin{gathered} 5 \\ 000(1) \end{gathered}$ |  |
|  | Capital |  | $\begin{array}{r} 16600 \\ (1 \mathrm{of}) \end{array}$ |  |
|  |  | $\underline{21600}$ | $\underline{\underline{21600}}$ |  |
|  | Being assets and liabilities on 1 July 2014 (1) |  |  |  |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 11 (b) |  | $(9)$ |

## Petty Cash Book

| Receipts | Date | Details | Total | Postage and Stationery | Travel | Cleaning | Ledger Accounts |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| £ |  |  | £ | £ | $£$ | £ | $£$ |
| 100 (1) | July 1 | Capital |  |  |  |  |  |
|  | July 1 | Postages | 10(1) | 10 |  |  |  |
|  | July 6 | Bus fares | 8(1) |  | 8 |  |  |
|  | $\begin{aligned} & \hline \text { July } \\ & 10 \\ & \hline \end{aligned}$ | J Green | 19(1) |  |  |  | 19 |
|  | $\begin{aligned} & \hline \text { July } \\ & 14 \\ & \hline \end{aligned}$ | Window Cleaner | 21(1) |  |  | 21 |  |
|  | $\begin{aligned} & \text { July } \\ & 22 \\ & \hline \end{aligned}$ | Taxi Fare | 12(1) |  | 12 |  |  |
|  | $\begin{aligned} & \hline \text { July } \\ & 26 \\ & \hline \end{aligned}$ | Stationery | 16(1) | 16 |  |  |  |
|  |  |  | 86 | $\underline{\underline{26}}$ | $\underline{\underline{20}}$ | $\underline{\underline{21}}$ | 19 |
| 86 (1) | $\begin{aligned} & \text { July } \\ & 31 \\ & \hline \end{aligned}$ | Cash |  |  |  |  |  |
|  | July <br> 31 | Balance c/d | 100 |  |  |  |  |
| 186 |  |  | $\underline{186}$ |  |  |  |  |
| 100 (1) | Aug1 | Balance b/d |  |  |  |  |  |


| Question | Answer |  |  |  |  |  | Mark |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 12 (a) | Debtors Ledger Control Account |  |  |  |  |  | (4) |
|  | Date | Narration | £ | Date | Narration | £ |  |
|  | $\begin{aligned} & \text { Jan } \\ & 1 \end{aligned}$ | Balance b/f | 4500(1) | $\begin{array}{\|l\|} \hline \text { Dec } \\ 31 \\ \hline \end{array}$ | Cash book | 97800(1) |  |
|  | $\begin{aligned} & \text { Dec } \\ & 31 \\ & \hline \end{aligned}$ | Sales (bal figure) | 102000(1) | $\begin{array}{\|l\|} \hline \text { Dec } \\ 31 \\ \hline \end{array}$ | Balance c/d | 8700 |  |
|  |  |  | 106500 |  |  | $\underline{106500}$ |  |
|  | $\begin{aligned} & \text { Jan } \\ & 1 \\ & \hline \end{aligned}$ | Balance b/d | 8700 (1) |  |  |  |  |
|  | Opening Debtors $(4500)(1)$  <br> Receipts from debtors $97800(1)$  <br> Closing debtors $\underline{8700}(1)$  <br> Sales $\underline{102000}$  |  |  |  |  |  |  |

\begin{tabular}{|c|c|c|c|c|c|c|c|}
\hline Question \& \multicolumn{6}{|l|}{Answer} \& Mark <br>
\hline \multirow[t]{8}{*}{12 (b)} \& \multicolumn{6}{|c|}{Creditors Ledger Control Account} \& (5) <br>
\hline \& Date \& Narration \& £ \& Date \& Narration \& £ \& <br>
\hline \& $$
\begin{aligned}
& \hline \text { Dec } \\
& 31 \\
& \hline
\end{aligned}
$$ \& Cash book \& $$
\begin{aligned}
& \hline 36 \\
& 890(1) \\
& \hline
\end{aligned}
$$ \& Jan 1 \& Balance b/f \& 3678(1) \& <br>
\hline \& $$
\begin{aligned}
& \text { Dec } \\
& 31
\end{aligned}
$$ \& Discount received \& 1667 (1) \& $$
\begin{aligned}
& \text { Dec } \\
& 31
\end{aligned}
$$ \& Purchases (bal figure) \& $$
\begin{aligned}
& 39 \\
& 200(1)
\end{aligned}
$$ \& <br>
\hline \& $$
\begin{aligned}
& \hline \text { Dec } \\
& 31 \\
& \hline
\end{aligned}
$$ \& Balance c/d \& 4321 \& \& \& \& <br>
\hline \& \& \& 42878 \& \& \& 42878 \& <br>
\hline \& \& \& \& Jan 1 \& Balance b/d \& 4321 (1) \& <br>
\hline \& Altern

Openin
Paymen
Discount
Closing

Purcha \& | ative present |
| :--- |
| creditors ts to creditors t received creditors es | \& \[

$$
\begin{aligned}
& \text { Ition } \\
& \begin{array}{r}
(3678) \\
36890 \\
1667 \\
4321 \\
\hline 39200 \\
\hline
\end{array}
\end{aligned}
$$

\] \& | (1) |
| :--- |
| (1) |
| (1) |
| (1) |
| (1) | \& \& \& <br>

\hline
\end{tabular}

| Question Number | Answer |  |  | Mark |
| :---: | :---: | :---: | :---: | :---: |
| 12 (c) | Rachel Black <br> Trading account for year ended 31 December 2014 |  |  | (5) |
|  |  | £ | £ |  |
|  | Sales |  | $\begin{gathered} 102000 \\ (1 \mathrm{ff}) \\ \hline \end{gathered}$ |  |
|  | Cost of goods sold |  |  |  |
|  | Opening stock | 1200 |  |  |
|  | Purchases | $\begin{gathered} 39200 \\ (1 \mathrm{of}) \end{gathered}$ |  |  |
|  |  | 40400 |  |  |
|  | Closing stock | $\begin{aligned} & 1400 \\ & (1 \mathrm{cf}) \end{aligned}$ |  |  |
|  | Cost of goods sold |  | $\begin{gathered} 39000(1 \\ \text { of) } \end{gathered}$ |  |
|  | Gross profit |  | $\begin{gathered} 63000(1 \\ \text { of) } \\ \hline \end{gathered}$ |  |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 12 (d) | Cost of goods sold (1) <br> Average Stock <br> $\frac{39000}{1300}=30$ (times) (1of) | (2) |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 12 (e) | Award (1) mark for identifying that the stock turnover <br> rate has declined and a further (1) mark for <br> development. A further (2) marks for stating the steps <br> that could be taken to improve on the current situation <br> and a further (1) mark for a suitable conclusion. |  |
|  | Sample answer <br> Over the three years Rachel's stock turnover has declined |  |
| (1) from 50 times to 30 times. This indicates that it is <br> taking longer for her to sell her stock. As a consequence <br> of this there is a possibility that some of her stock may <br> become obselete or become damaged (1) and have to be <br> sold at a reduced price. In order to improve on her <br> current stock turnover ratio Rachel should consider <br> reducing her purchases (1) or offering her customers a <br> discount in order to encourage sales(1). By taking these <br> steps Rachel should see an improvement in her stock <br> turnover rate (1) |  |  |


| Question Number | Answer |  |  |  | Mark |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 13 (a) | Green Limited <br> Appropriation account for the year ended 30 September $2014$ |  |  |  | (5) |
|  |  | £ | £ |  |  |
|  | Net profit for the year |  | $\begin{array}{r} 116 \\ 524 \\ \hline \end{array}$ |  |  |
|  | Transfer to general reserve | 25000 |  | (1 cf) |  |
|  | Ordinary share dividend proposed | 12500 |  | $\begin{array}{r} (1 \\ c f) \end{array}$ |  |
|  |  |  | 37500 |  |  |
|  | Retained profit for the year |  | 79024 | $\begin{array}{r} (1 \\ \text { of) } \end{array}$ |  |
|  | Retained profit brought forward |  | $\begin{aligned} & 450 \\ & 976 \\ & \hline \end{aligned}$ | $\begin{array}{r} (1 \\ c f) \\ \hline \end{array}$ |  |
|  | Retained profit carried forward |  | $\begin{aligned} & 530 \\ & 000 \\ & \hline \end{aligned}$ | $\begin{array}{r} \text { (1 } \\ \text { of) } \\ \hline \end{array}$ |  |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| $13(b)$ |  | $(10)$ |

Green Limited
Balance Sheet as at 30 September 2014

|  | £ | £ | £ |  |
| :---: | :---: | :---: | :---: | :---: |
| Fixed assets | Cost | Total depreciation | Net book value |  |
| Land and buildings | 800000 |  | 800000 |  |
| Motor vehicles | 43000 | 13000 | 30000 |  |
| Fixtures and fittings | $\underline{27500}$ | 7500 | $\underline{20000}$ |  |
|  | 870500 | $\underline{20500}$ | 850000 | (2 cf 1 of) |
| Current assets |  |  |  |  |
| Stock | 43799 |  |  |  |
| Trade debtors | 26248 |  |  |  |
| Prepaid expenses | 428 |  |  |  |
|  |  | 70475 |  | (2 cf 1 of) |
| Current liabilities |  |  |  |  |
| Trade creditors | 21689 |  |  |  |
| Accrued expenses | 286 |  |  |  |
| Proposed dividend | 12500 |  |  |  |
| Bank overdraft | 56000 | 90475 |  | ( 2 cf 1 of ) |
| Working capital |  |  | (20000) |  |
|  |  |  | 830000 |  |
| Long term liabilities |  |  |  |  |
| 5\% Debentures |  |  | 50000 | (1 cf) |
|  |  |  | $780 \quad 000$ |  |
| Financed by |  |  |  |  |
| Share capital |  | 125000 |  | (1 cf) |
| General reserve |  | 125000 |  | (1 cf) |
| Profit and loss account |  | 530000 |  | (1 of) |
|  |  |  | $\underline{780000}$ |  |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| $14(\mathrm{a})$ |  | $(10)$ |

Red Limited
Manufacturing account for the year ended 31 October 2014.

|  | £ | £ | £ |  |
| :---: | :---: | :---: | :---: | :---: |
| Opening stock - raw materials | 45000 |  |  |  |
| Purchases of raw materials | $\underline{262000}$ |  |  |  |
|  | 307000 |  |  |  |
| Carriage on raw materials | 9000 |  |  |  |
|  | 316000 |  |  |  |
| Closing stock - raw materials | $\underline{51000}$ |  |  |  |
| Cost of raw material consumed |  | 265000 |  | (1) |
| Direct factory wages(78600 + 6 400) |  | $\begin{gathered} 85 \\ 000 \\ \hline \end{gathered}$ |  | (1) |
| Prime cost |  |  | 350000 | (1) |
| Factory overheads |  |  |  |  |
| Indirect factory wages |  | 28930 |  |  |
| Factory power |  | 22379 |  |  |
| Heat and light |  | 19500 |  | (1) |
| Insurance |  | 750 |  | (1) |
| Rent and rates |  | 6000 |  | (1) |
| Depreciation - factory machinery |  | $\underline{37500}$ |  | (1) |
|  |  |  | 115059 |  |
|  |  |  | 465059 |  |
| Opening work in progress |  |  | 13650 |  |
| Closing work in progress |  |  | (13709) | (1) |
| Production cost (1) |  |  | 465000 | (1) |


| Question <br> Number | Answer | Mark |
| :--- | :---: | :--- |
| 14 (b)(i) | Net profit/Capital employed $\times 100(1)$ | $(2)$ |
|  | $113000 / 565000 \times 100=20 \%(1)$ |  |


| Question <br> Number | Answer | Mark |
| :--- | :--- | :--- |
| 14 (b)(ii) | Award (1) for identifying that the ROCE is worsening over <br> the three year period. <br> Award up to (3) for statements relating to how efficent or <br> otherwise the company is. <br> Award (1) for an appropriate conclusion. <br> Sample answ er | (5) |
|  | The ratio indicates that their ROCE has declined (1) over <br> the three year period. This indicates that the company is <br> not (1) operating as efficiently (1) as it should be and <br> that they are not making the most effective use of their <br> capital employed (1). If this trend contnues shareholders <br> may decide to sell their shares and the company may <br> have difficulty attracting further investments in the future <br> (1). |  |


| Question Number | Answer |  |  |  |  |  |  | Mark |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15 | Provision for Depreciati on Account | Motor Vehicle Account |  |  |  |  |  | (21) |
|  |  | Date | Narration | £ | Date | Narration | £ |  |
|  |  | Jan 1 | B Lue | $\begin{aligned} & 25000 \\ & \text { (1) } \\ & \hline \end{aligned}$ | Jul 1 | Asset Disposal (1) | $\begin{array}{\|l\|} \hline 10000 \\ (1) \\ \hline \end{array}$ |  |
|  |  |  |  |  | $\begin{array}{\|l\|} \hline \text { Dec } 31 \\ 14 \end{array}$ | Bal c/d | 15000 |  |
|  |  |  |  | 25000 |  |  | 25000 |  |
|  |  | $\begin{aligned} & \hline \text { Jan } 1 \\ & 15 \end{aligned}$ | Bal b/d | $\begin{aligned} & \hline \begin{array}{l} 15000 \\ (1 \mathrm{of}) \end{array} \end{aligned}$ |  |  |  |  |
|  |  | Date | Narration | £ | Date | Narration | £ |  |
|  |  | $\begin{gathered} \text { Dec } \\ 31 ' 12 \\ \hline \end{gathered}$ | Bal c/d | 6250 | $\begin{array}{\|l} \hline \text { Dec } 31 \\ 12 \\ \hline \end{array}$ | Profit \& loss (1) | $\frac{6250}{(1)}$ |  |
|  |  | $\begin{array}{\|l\|} \hline \text { Dec } \\ 31 \cdot 13 \\ \hline \end{array}$ | Bal c/d | 12500 | $\begin{array}{\|l\|} \hline \begin{array}{l} \text { Jan 1 } \\ 13 \end{array} \\ \hline \end{array}$ | Bal b/d | 6250 |  |
|  |  |  |  |  | $\begin{array}{\|l} \hline \text { Dec } 31 \\ 13 \end{array}$ | Profit \& loss (1) | $\begin{array}{r} 6250 \\ \hline(1) \end{array}$ |  |
|  |  |  |  | 12500 |  |  | 12500 |  |
|  |  | $\begin{aligned} & \text { Jul } 1 \\ & 14 \end{aligned}$ | Asset Disposal (1) | $\begin{aligned} & 5000 \\ & (1) \end{aligned}$ | $\begin{aligned} & \hline \text { Jan } 1 \\ & 14 \end{aligned}$ | Bal b/d | $\begin{array}{r} 12500 \\ \text { (10f) } \end{array}$ |  |
|  |  | $\begin{array}{\|l\|} \hline \text { Dec } \\ 31 ' 14 \\ \hline \end{array}$ | Bal c/d | 11250 | $\begin{array}{\|l\|} \hline \operatorname{Dcc} 31 \\ 14 \end{array}$ | Profit \& loss (1) | $\begin{array}{r} 3750 \\ \quad(1) \\ \hline \end{array}$ |  |
|  |  |  |  | 16250 |  |  | 16250 |  |
|  |  |  |  |  | $\begin{array}{\|l\|} \hline \text { Jan } 1 \\ 15 \end{array}$ | Bal b/d | $\begin{array}{r} \hline 11250 \\ \text { (1of) } \\ \hline \end{array}$ |  |
|  |  | $\begin{array}{\|l\|} \hline \text { Date } \\ 2014 \end{array}$ | Narration | £ | $\begin{aligned} & \text { Date } \\ & 2014 \end{aligned}$ | Narration | $\varepsilon$ |  |
|  |  | Jul 1 | Motor Vehicle (1) | $\begin{aligned} & 10000 \\ & (1) \end{aligned}$ | Jul 1 | Provision for Dep. | $\begin{array}{r} 5000 \\ (1) \end{array}$ |  |
|  |  |  |  |  | Jul 1 | Cash (1) | $\begin{array}{r} 2500 \\ (1) \end{array}$ |  |
|  |  |  |  |  | Dec 31 | Profit \& loss (1) | $\begin{aligned} & 2500 \\ & (1 \text { of }) \end{aligned}$ |  |
|  |  |  |  | 10000 |  |  | 10000 |  |

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