Rewarding Learning
ADVANCED
General Certificate of Education
2016

# GCE Applied Business 

## Assessment Unit A2 7

assessing
Finance

## [A6B11]

## FRIDAY 24 JUNE, AFTERNOON

## TIME

1 hour 30 minutes.

## INSTRUCTIONS TO CANDIDATES

Write your Centre Number and Candidate Number in the spaces provided at the top of this page.
Write your answers in the spaces provided in this question paper. Answer all three questions.

## INFORMATION FOR CANDIDATES

The total mark for this paper is 80 .
Quality of written communication will be assessed in questions 2(b), 3(b) and 3(c).
Figures in brackets printed down the right-hand side of pages indicate the marks awarded to each question or part question.

## ADVICE TO CANDIDATES

You are advised to take account of the marks for each part question in allocating the available examination time.
If you do not have sufficient space to complete your answers, you may use the additional page at the back of the paper.

| For Examiner's <br> use only |  |
| :---: | :---: |
| Question <br> Number | Marks |
| 1 |  |
| 2 |  |
| 3 |  |
| Total <br> Marks |  |

1 The following balances were extracted from the books of Lily's Blooms, a local flower shop owned by Lily Rose.

| Lily's Blooms |  |  |
| :--- | ---: | ---: |
| Trial Balance as at 31 December 2015 |  |  |
|  | $\operatorname{Dr}(£)$ | $\mathrm{Cr}(£)$ |
| Sales Revenue |  | 34,500 |
| Opening Inventories | 2,000 |  |
| Capital |  | 30,950 |
| Bank Loan |  | 7,000 |
| Drawings | 1,500 |  |
| Discount Allowed | 125 |  |
| Cash | 100 |  |
| Discount Received |  |  |
| Trade Receivables | 10,000 |  |
| Wages | 4,900 |  |
| Bank Account |  |  |
| Motor Expenses | 850 |  |
| General Expenses | 350 |  |
| Light \& Heat | 450 |  |
| Loan Interest | 350 |  |
| Insurance | 175 |  |
| Rent | 750 |  |
| Trade Payables |  |  |
| Premises | 19,000 |  |
| Purchases | 25,000 |  |
| Motor Vehicles | 20,000 |  |
|  |  |  |
|  | $\mathbf{8 5 , 5 5 0}$ |  |

Daisy, Lily's accountant had not managed to complete the Statement of Financial Position for the year ended 31 December 2015.

## Additional Information:

1 Closing Inventory as at 31 December 2015 was valued at $£ 3,000$.
2 An Allowance for Trade Receivables was created amounting to 10\% of Trade Receivables.
3 Wages accrued amounted to $£ 100$.
4 Insurance Prepaid amounted to $£ 75$.
5 Provision for depreciation: Motor Vehicles were depreciated at a rate of $10 \%$, using the straight line method.

You are required to complete Table 1 - the Statement of Financial Position as at 31 December 2015.

Table 1

| Lily's Blooms |  |  |  |
| :---: | :---: | :---: | :---: |
| Statement of Financial Position as at 31 December 2015 |  |  |  |
| Non-Current Assets | Cost (£) | Deprec. (£) | WDV (£) |
| Premises |  | 0 |  |
| Motor Vehicles |  |  |  |
| Total Non-Current Assets |  |  |  |
|  |  |  |  |
| Current Assets |  |  |  |
| Inventories |  |  |  |
| Trade Receivables |  |  |  |
| Allowance for Trade Receivables |  |  |  |
| Cash |  |  | 100 |
| Prepayment |  |  |  |
| Total Current Assets |  |  |  |
|  |  |  |  |
| Total Assets |  |  |  |
|  |  |  |  |
| Equity |  |  |  |
| Capital |  |  | 30,950 |
| Add Net Profit |  |  | 25 |
|  |  |  | 30,975 |
| Less Drawings |  |  | 1,500 |
| Total Equity |  |  |  |
|  |  |  |  |
| Non-Current Liabilities |  |  |  |
| Bank Loan |  |  | 7,000 |
| Total Non-Current Liabilities |  |  | 7,000 |
| Current Liabilities |  |  |  |
| Trade Payables |  |  | 12,000 |
| Bank |  |  | 600 |
| Accruals |  |  |  |
| Total Current Liabilities |  |  |  |
|  |  |  |  |
| Total Equity \& Liabilities |  |  |  |

Use this space for your calculations.

## Study the information below and answer the questions that follow.

2 (a) Tiny Tots' Toys is a newly established business owned by Tony and Tina. The business sells toys for children aged 1 to 4 years.

Table 2: Tiny Tots' Toys
(Forecasted 4th Quarter Operating Statement (2016))

| Months | Sales (£) | Wages (£) | Purchases <br> $(£)$ | Overheads <br> $(£)$ |
| :---: | :---: | :---: | :---: | :---: |
| August | 74,500 | 8,700 | 51,200 | 9,100 |
| September | 80,100 | 8,700 | 63,000 | 9,900 |
| October | 85,600 | 8,700 | 72,500 | 11,500 |
| November | 93,000 | 8,700 | 79,100 | 12,500 |
| December | 99,500 | 8,700 | 84,000 | 12,500 |

## Notes:

1. The opening cash balance is $(£ 1,750)$.
2. $60 \%$ of monthly sales revenue is for cash and the remaining $40 \%$ of sales revenue is received two months later.
3. Purchases are paid one month after they are incurred.
4. Overheads are paid one month after they are incurred.
5. Wages are paid in the month they are incurred (the same month).

You are required to complete Table 3 - the cash budget for Tiny Tots' Toys for the months of October, November and December 2016.
October
(£)
November
December
(£)
(£)

## Opening Balance

## Cash Flow In:



Cash Flow Out:

(b) Evaluate two benefits and two limitations of cash budgets for a business such as Tiny Tots' Toys.
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3 (a) Tellyvision plc is a commercial television station operating in Armagh.
The following information is available for the year ended 31 December 2015.

| Tellyvision plc |  |
| :--- | ---: |
| Summarised Income Statement for the Year Ended <br> 31 December 2015 |  |
|  | $\mathbf{£ m}$ |
| Sales Revenue | 30 |
| Operating Profit | 2.5 |
| Finance Costs | 0.5 |
| Net Profit before Tax | 2 |
| Corporation Tax | $\underline{0.5}$ |
| Profit After Tax | 1.5 |


| Tellyvision plc |  |
| :--- | ---: |
| Summarised Statement of Financial Position as at 31 December 2015 |  |
|  | $\mathbf{£ m}$ |
| Non-current Assets | $\mathbf{2 5 . 0}$ |
| Current Assets | $\mathbf{5 . 0}$ |
| Total Assets | $\mathbf{3 0 . 0}$ |
|  |  |
| Equity Capital and Reserves | 15.0 |
| Non-current Liabilities (Debt capital) | 10.0 |
| Current Liabilities | $\mathbf{5 . 0}$ |
| Total Liabilities | $\mathbf{1 5 . 0}$ |
| Total Equity and Liabilities | $\mathbf{3 0 . 0}$ |

Tellyvision plc Directors have also obtained data related to two similar businesses in the broadcasting industry, I-View plc and U-Show plc, for the year ended 31 December 2015.

| Competitor Data: $\mathbf{3 1}$ December 2015 | I-View plc | U-Show plc |
| :--- | :---: | :---: |
| Sales Revenue | $£ 10 \mathrm{~m}$ | $£ 9 \mathrm{~m}$ |
| Return on Capital Employed (ROCE) | $15 \%$ | $12.5 \%$ |
| Current Ratio | $1.5: 1$ | $2: 1$ |
| Gearing Ratio | $30 \%$ | $20 \%$ |


| Profitability and Performance Ratio |  |
| :---: | :---: |
| Return on Capital Employed (ROCE) | $\frac{\text { Profit before Tax }+ \text { Finance Costs }+ \text { Preference Dividends }}{\text { (Total Assets }- \text { Current Liabilities) }} \times 100 \%=x \%$ |
| Liquidity Ratio |  |
| Current Ratio | $\frac{\text { Current Assets }}{\text { Current Liabilities }}=x \text { times or } \mathrm{x}: 1$ |
| Gearing Ratio |  |
| Gearing Ratio | $\frac{\text { Non-current liabilities (Debt Capital) }}{\text { Equity Capital and Reserves and Debt Capital }} \times 100 \%=x \%$ |

Calculate the following (you must express your answers to the nearest whole number), for the year ended 31 December 2015. Use the spaces below to show your calculations.
(i) Return on Capital Employed:

Answer:

(b) Discuss Tellyvision plc's financial performance using the financial information provided and the following accounting ratios. In each case you must indicate one way in which each ratio might be improved in order to outperform its two competitors:
(i) Return on Capital Employed:
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(ii) Current Ratio:
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(iii) Gearing Ratio:
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(c) Evaluate the usefulness of each of the following sources of finance, which Tellyvision plc might use in order to finance the purchase of new TV/film and studio equipment (costing $£ 5 \mathrm{~m}$ ).

Bank Loan:
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## Issue of Ordinary Shares:

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## THIS IS THE END OF THE QUESTION PAPER

## Extra Page (if needed)

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