## Cambridge International AS \& A Level

## SUBJECT

9706/31
Paper 3 Structured Questions
October/November 2020

## MARK SCHEME

Maximum Mark: 150

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

Mark schemes should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

Cambridge International will not enter into discussions about these mark schemes.
Cambridge International is publishing the mark schemes for the October/November 2020 series for most Cambridge IGCSE ${ }^{\text {TM }}$, Cambridge International A and AS Level and Cambridge Pre-U components, and some Cambridge O Level components.

## Generic Marking Principles

These general marking principles must be applied by all examiners when marking candidate answers. They should be applied alongside the specific content of the mark scheme or generic level descriptors for a question. Each question paper and mark scheme will also comply with these marking principles.

## GENERIC MARKING PRINCIPLE 1:

Marks must be awarded in line with:

- the specific content of the mark scheme or the generic level descriptors for the question
- the specific skills defined in the mark scheme or in the generic level descriptors for the question
- the standard of response required by a candidate as exemplified by the standardisation scripts.


## GENERIC MARKING PRINCIPLE 2:

Marks awarded are always whole marks (not half marks, or other fractions).

## GENERIC MARKING PRINCIPLE 3:

Marks must be awarded positively:

- marks are awarded for correct/valid answers, as defined in the mark scheme. However, credit is given for valid answers which go beyond the scope of the syllabus and mark scheme, referring to your Team Leader as appropriate
- marks are awarded when candidates clearly demonstrate what they know and can do
- marks are not deducted for errors
- marks are not deducted for omissions
- answers should only be judged on the quality of spelling, punctuation and grammar when these features are specifically assessed by the question as indicated by the mark scheme. The meaning, however, should be unambiguous.


## GENERIC MARKING PRINCIPLE 4:

Rules must be applied consistently, e.g. in situations where candidates have not followed instructions or in the application of generic level descriptors.

## GENERIC MARKING PRINCIPLE 5:

Marks should be awarded using the full range of marks defined in the mark scheme for the question (however; the use of the full mark range may be limited according to the quality of the candidate responses seen).

GENERIC MARKING PRINCIPLE 6:
Marks awarded are based solely on the requirements as defined in the mark scheme. Marks should not be awarded with grade thresholds or grade descriptors in mind.

| Question | Answer | Marks |
| :---: | :---: | :---: |
| 1(a) | 40000-15000 (1) = 25000 (1)OF | 2 |
| 1(b) | $\frac{25000}{(125000-25000)}$ <br> $(1) \mathrm{OF} \times 100=25 \%(1) \mathrm{OF}$ | 2 |
| 1(c) |  | 14 |
| 1(d) | This suggestion would remove the link with the market price (1) and therefore be subjective (1). <br> This would increase factory profit (1) but decrease gross profit (1) and leave overall profit unchanged (1). <br> Any production bonuses for staff and/or the manager in the factory could be inflated (1). <br> A fixed rate would be consistent year on year (1) and would avoid large fluctuations in the provision for unrealised profit (1) and would simplify the accounting function (1). <br> Accept other valid points <br> Max (4) for comments plus (1) for decision | 5 |
| 1(e) | In the manufacturing account (1) within cost of raw materials consumed/added to purchase cost of raw materials (1) as it is the additional cost of purchasing the raw materials (1) Max 2 | 2 |


| Question | Answer | Marks |
| :---: | :---: | :---: |
| 2(a) |  $\$$ <br>  $\$$ <br> Profit from operations $63000(1)$ <br> Interest $(12-3+5)$ 14000 <br> Profit for the year $\underline{49000}$ | 3 |
| 2(b) |  | 16 |
| 2(c) | The company has purchased another business as a going concern (1) and paid a purchase consideration higher than the value of the net assets taken over (1). | 2 |
| 2(d) | Good reputation of business (1) Good location of premises (1) Profitability of business (1) Efficiency of employees (1) Good customer base (1) Accept other valid points <br> Max 2 | 2 |
| 2(e) | An independent check on a business's accounting records (1) by an independent, qualified person (1) to check for material errors and to check compliance with accounting standards and relevant legislation (1), resulting in a report (1) stating whether or not the financial statements give a true and fair view (1). <br> Accept other valid points <br> Max 2 | 2 |



| Question | Answer | Marks |
| :---: | :---: | :---: |
| 4(a) | Absolute values may not be useful in isolation. (1) <br> The use of ratios puts values into context. (1) <br> Ratios may enable trends over time to be monitored. (1) <br> Ratios enable comparisons with other companies or with industry averages. <br> (1) <br> Ratios may help in decision making. (1) <br> Accept other valid points <br> Max 3 | 3 |
| 4(b)(i) | $\frac{20000}{215000}(\mathbf{1}) \times 100=9.30 \%(1)(\mathbf{O F})$ | 2 |
| 4(b)(ii) | It shows that the company has a good ability to pay the interest out of profits. (1) | 1 |
| 4(b)(iii) | gearing ratio (1) | 1 |
| 4(c)(i) | $\frac{195000}{80000}(1)=2.44 \text { times }(\mathbf{1})(\text { OF })$ | 2 |
| 4(c)(ii) | The company is ploughing back the majority of its profits into the business which should increase its profit generating abilities. (1) | 1 |
| 4(d)(i) | $\frac{0.08}{0.75}(1) \times 100=10.67 \%(1)(O F)$ | 2 |
| 4(d)(ii) | An investor will get back more than $10 \%$ of the amount he would pay now to buy shares each year. (1) | 1 |
| 4(e) | earnings per share (1) $\frac{195000}{1000000}(1)=\$ 0.195(1)(\mathrm{OF})$ | 3 |
| 4(f) | price earnings ratio (1) $\frac{0.75}{0.195(1)}(1 \mathrm{of})=3.85(1)(\mathrm{OF})$ | 4 |
| 4(g) | The directors' report does give a review of performance (1) and details of dividends (1) but Fred would likely want more detail than this (1). <br> The financial statements deal with historic data (1) and may not be a good indicator of future performance (1) but the directors' report also covers likely future developments of the company (1). <br> Decision (1) <br> Max (4) for comments <br> Accept other valid points. | 5 |




| Question | Answer | Marks |
| :---: | :--- | ---: |
| $6(f)$ | It increases an already positive NPV. (1) <br> He could consider other methods of appraisal. (1) <br> It increases the risk of the plan. (1) <br> It is based on estimates. (1) <br> Non-financial factors are not considered. (1) <br> Accept other valid points <br> Decision (1) <br> Max (2) for comments | $\mathbf{3}$ |
| $6(\mathrm{~g})$ | It deals with forecast figures (1) to measure the effect on an outcome of a <br> change in a variable cost or income (1). It is useful when a project lasts for a <br> number of years (1). <br> Accept other valid points | $\mathbf{3}$ |

