

# **Cambridge Assessment International Education**

Cambridge International Advanced Subsidiary and Advanced Level

BUSINESS 9609/32

Paper 3 Case Study

October/November 2019

MARK SCHEME
Maximum Mark: 100

#### **Published**

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.

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# **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.

© UCLES 2019 Page 2 of 20

| Question | Answer   |   |   |  |    |
|----------|--|---|---|--|----|
| 1        |  | e the likely impact or<br>ar market.  | n AEV's profit of   | intervention by governments  | 10 |
|          | Level  | Knowledge<br>3 marks  | Application 2 marks   | Analysis<br>5 marks  |    |
|          | 2  | 3 marks<br>Understanding of<br>impact/intervention  | 2 marks<br>Points applied<br>to AEV   | 4–5 marks Good use of theory and/or reasoned argument to explain impact on profit  |    |
|          | 1  | 1–2 marks<br>Identification of<br>intervention and/or<br>impact   | 1 mark<br>Point applied<br>to AEV   | 1–3 marks Some use of theory and/or reasoned argument to explain impact  |    |
|          | • Und<br>-<br>-<br>-<br>-<br>Und   | inition of profit: revenulerstanding of types of Regulation. Rules the constrain business at Indirect taxation (to obusiness Subsidies/government encourage an increase lerstanding of impact ted to indirect tax on other standing of the constraint | f government inte<br>at businesses have<br>ctivity<br>correct market fail<br>at grants. Reduce<br>se in output<br>of subsidies on A                     | ervention: ve to abide by in a market and ure). Increase costs of supply to e the costs of production and EV, e.g. increase in AEV sales |    |
|          | <ul> <li>Ban ove cars</li> <li>Incr</li> <li>Ben</li> <li>AE\</li> <li>Gov cars</li> </ul> | on sale of diesel cars<br>r non-electric cars in t<br>s and ban will increase<br>ease in fuel duty on p<br>refit is in long term as<br>vehicles with zero en<br>has received \$1 bn increment action to incre   | he market <b>OR</b> go<br>e competition in e<br>etrol in 2019 will<br>some regulations<br>missions will not l<br>n government gra<br>rease availability | will come into force in 2030 be subject to the regulations   |    |

© UCLES 2019 Page 3 of 20

| Question | Answer  | Marks |
|----------|---|-------|
| 1        | <ul> <li>Analysis</li> <li>Diesel ban will reduce competition for AEV resulting in a potential increase in sales of electric vehicles and increase in AEV's profits as a result</li> <li>Announcement of changes will influence trends in the market leading to a rise in electric vehicle sales immediately</li> <li>Increase in fuel duty will make vehicles using petrol/diesel less competitive in the market. This will boost AEV sales, as electric vehicles will be relatively less expensive to run</li> <li>Country C tax on imports will increase the selling price of AEV cars reducing demand and profit</li> <li>Subsidies received by AEV from government may have conditions attached which impact AEV operations</li> <li>Subsidies received by AEV provides finance for investment to develop products, manufacturing and workforce</li> <li>Subsidies enable expansion of output by reducing costs and therefore increase sales and potentially profit</li> </ul> |       |

© UCLES 2019 Page 4 of 20

| Question | Answer   | Marks |
|----------|--|-------|
| 2(a)(i)  | Refer to Appendix 1. Calculate for 2019:   | 3     |
|          | the dividend yield   |       |
|          | Units necessary for full marks   |       |
|          | dividend yield = dividend per share/share price × 100 and/or dividend per share = total dividend/number of shares (1 mark if no relevant working)    |       |
|          | dividend per share = 10/70 = (\$)0.143 (1)   |       |
|          | dividend yield = 0.143/130 × 100 (2)   |       |
|          | dividend yield = 0.11% or 0.1% or 0.1098% (3)  |       |
|          | 0.11 (2)   |       |
|          | Common errors Total dividend rather than dividend per share: 10/130 × 100 = 7.69(%) (relevant working required) (1)                                  |       |
|          | OFR applies  |       |
| 2(a)(ii) | the price earnings ratio   | 4     |
|          | price earnings ratio = share price/EPS (1 mark if no relevant calculation)   |       |
|          | EPS = profit for the year/total shares issued (1 mark if no relevant calculation)  |       |
|          | EPS = 48/70 (1)<br>EPS = 48/70 = (\$)0.69 or 0.7 or 0.686 (2)  |       |
|          | Price earnings ratio = 130/0.69 (3)  |       |
|          | Accept range for PER between: 185.7 to 191.2 (years or times) (4)  |       |
|          | 185.7 to 191.2 \$ or % (3)   |       |
|          | Errors Earnings rather than earnings per share 130/48 = 2.71 (years or times) (2 marks if appropriate working shown)                                 |       |
|          | Incorrect profit figure used \$60 m Answers within range 151 to 153 (years or times), e.g. 130/0.857 = 151.69 (3 marks appropriate working required) |       |
|          | OFR applies  |       |

© UCLES 2019 Page 5 of 20

| Question  | Answer   | Marks |
|-----------|--|-------|
| 2(a)(iii) | the return on capital employed.  | 3     |
|           | Units necessary for full marks   |       |
|           | ROCE = Operating profit/capital employed × 100 (1 mark if no relevant calculation)   |       |
|           | Capital employed = 3 + 2.5 = 5.5(\$ bn) (1)  |       |
|           | ROCE = 0.06/5.5 × 100 (2)  |       |
|           | ROCE = 1.09% (3)<br>1.09 (2)   |       |
|           | Profit for year used $0.048/5.5 \times 100 = 0.87\%$ (2)   |       |
|           | Following answers are given 2 marks if relevant working shown: $0.06/2.5 \times 100 = 2(\%)$ $0.06/3 \times 100 = 2.4(\%)$ $0.6/5.5 \times 100 = 10.9(\%)$ |       |
|           | OFR applies  |       |

© UCLES 2019 Page 6 of 20

| Question |   |   | Ar   | nswer  |  | Marks |  |
|----------|---|---|--|--|--|-------|--|
| 2(b)     | Refer to <u>2(a)</u> and any other information. Recommend whether potential investors should purchase shares in AEV. Justify your recommendation. |   |  |  |  |       |  |
|          | Level   | Knowledge<br>2 marks  | Application 2 marks  | Analysis<br>4 marks  | Evaluation<br>4 marks  |       |  |
|          | 2   | 2 marks<br>Two<br>relevant<br>points  | 2 marks<br>Two points<br>applied   | 3–4 marks Good use of theory and/or reasoned argument to analyse factors   | 3–4 marks<br>Good judgement<br>shown, e.g. well<br>supported<br>conclusion |       |  |
|          | 1   | 1 mark<br>Relevant<br>point   | 1 mark<br>Point<br>applied   | 1–2 marks<br>Some use of<br>theory and/or<br>reasoned argument<br>to analyse factors   | 1–2 marks Some judgement shown, e.g. one factor very important             |       |  |
|          | - (<br>- [<br>Understa<br>• Asse<br>• Curre   | stors will be into<br>Capital gains fr<br>Dividend paid founding of relevants<br>ssment of future   | om increase in<br>or ownership<br>nt factors in de<br>re profitability o<br>e, e.g. profit of  | ecision  |  |       |  |
|          | take mark Low Divid Prop Share Regu Mark AEV Curre conc AEV Succ  | e earnings ratio many years to et has confider ROCE of only end yield is vere osed increase e price has rise elatory changes et capitalisation profits have beent ratio has de ern about liquid | gain a return once about futured 1.09%  ry low – 0.11%  in dividend to be a by 30% in last should benefin of AEV is high ecome positive ecreased and is dity  ficant cash over a light of the come batter of the comprove batter of the compro | be paid in 2019 from 2 st year t AEV and therefore it he relative to assets of in last year squite low (below 1.5) er last year (\$200 m) ery technology | also suggests that  018 s profits the business                             |       |  |

© UCLES 2019 Page 7 of 20

| Question | Answer   | Marks |
|----------|--|-------|
| 2(b)     | <ul> <li>Analysis</li> <li>AEV faces many difficulties in increasing profits and profitability – problems in operations to meet demand and need to increase finance to fund expansion. This means that investment is risky for potential investors</li> <li>Akira committed to growth strategies. This will reduce dividends in the future as any profits likely to be retained for investment</li> <li>Profitability is low suggesting lack of dividend payments</li> <li>Markets are changing in AEV's favour. This will increase future potential for profits and therefore returns to investors</li> </ul> |       |
|          | <ul> <li>Evaluation</li> <li>Justification of most important factor</li> <li>This is a risky investment as AEV profits are low and returns are long term</li> <li>Is the market capitalisation unrealistic and purely based on potential rather than actual performance?</li> <li>Dividend yield is very low: 0.11% – how does this compare with other investments?</li> </ul>   |       |

© UCLES 2019 Page 8 of 20

| Question |   |   | Ansv  | wer   |   | Marks |  |
|----------|---|---|---|---|---|-------|--|
| 3        | 'AEV is unable to meet this demand due to a lack of capacity and supply constraints' (Lines 47–48).                               |   |   |   |   |       |  |
|          | Other than expansion of CellX, discuss ways in which the Operations Management Department of AEV could solve this problem.        |   |   |   |   |       |  |
|          | Level   | Knowledge<br>2 marks  | Application 2 marks   | Analysis<br>6 marks   | Evaluation<br>6 marks                   |       |  |
|          | 2   | 2 marks<br>Two relevant<br>points   | 2 marks<br>Good<br>application<br>to AEV  | 4–6 marks<br>Good use of theory<br>and/or reasoned<br>argument to   | 4–6 marks<br>Good<br>judgement<br>shown |       |  |
|          | 1   | 1 mark<br>One relevant<br>point   | 1 mark<br>Some<br>application<br>to AEV   | 1–3 marks<br>Some use of theory<br>and/or reasoned<br>argument  | 1–3 marks<br>Some<br>judgement<br>shown |       |  |
|          | Identifica    Outs    Improempl    Redu    New    Find    Take    JIT n   | ation/understandourcing production ove efficiency — in oyees more effecture labour turnove manufacturing by new suppliers erover supplier | ding of options on ncrease labour ctively er ase  | chievable with current  s  productivity, e.g. by manager  nore efficient use of ex                        | otivating                               |       |  |
|          | <ul> <li>Incre units</li> <li>Akira reduction</li> <li>Sourtion</li> <li>Take</li> <li>Investigation</li> <li>Negotian</li> </ul> | kers already facing ase in production per year a is worried about ces output ce materials for be over supplier in st in new manufa        | n required is signatured is signatured in the country | nificant. Current product.  This is a contributory  countries other than country  f workforce is unionise | y factor that<br>untry C                |       |  |

© UCLES 2019 Page 9 of 20

| Question | Answer   | Marks |
|----------|--|-------|
| 3        | <ul> <li>Analysis</li> <li>Outsourcing could risk loss of control over quality of components such as batteries. This could further impact reputation of AEV</li> <li>Outsourcing involves no major capital investment and therefore aids AEV's cash flow</li> <li>Establishing a new manufacturing base will be expensive and affect AEV's cash flow and result in greater coordination problems – diseconomies of scale</li> <li>Reducing labour turnover will ensure that AEV keeps experienced workers and thus enable an increase in output</li> <li>JIT manufacturing/lean production enables a more efficient use of resources thus increasing output per worker</li> <li>JIT can reduce storage of inventory and allow a more efficient use of space for production leading to an increase in output</li> </ul>                                 |       |
|          | <ul> <li>Evaluation</li> <li>Depends on the cost of outsourcing</li> <li>Difficult working conditions may make reducing labour turnover challenging</li> <li>As batteries depend on rare materials it may not be possible to source the materials from elsewhere</li> <li>Given the increase in production required expansion of CellX may be only viable approach but this will take time and not alleviate the immediate capacity problems faced</li> <li>Supplier constraints likely to be faced by all manufacturers of electric vehicles so gaining control of supplier may be the best option</li> <li>Some options may in theory enable an increase in capacity but do not necessarily address the supply constraints faced <ul> <li>JIT manufacturing</li> <li>Improvements in efficiency</li> <li>Reduction in wastage</li> </ul> </li> </ul> |       |

© UCLES 2019 Page 10 of 20

| Question | Answer  | Marks |
|----------|---|-------|
| 4(a)     | Refer to Table 1. Calculate the difference in labour turnover between 2017 and 2018.  | 4     |
|          | For full marks units are necessary  |       |
|          | Labour turnover = Number of employees leaving over period/Average number of employees during period × 100 (1 mark if no relevant calculation) |       |
|          | Labour turnover 2018 = $165/1300 \times 100 = 12.69(\%)$ Allow appropriate rounding (1)   |       |
|          | Labour turnover 2019 = $250/1500 \times 100 = 16.67(\%)$ Allow appropriate rounding (1)   |       |
|          | Change in labour turnover = 4% (points) (increase of 31.5%) (4) Within range of 3.9% – 4% (4)   |       |
|          | Within range of: 3.9–4 or 31.5 (3)  |       |
|          | OFR applies   |       |

© UCLES 2019 Page 11 of 20

| Question | Answer   |                                   |   |   |   |  |  |  |
|----------|--|-----------------------------------|---|---|---|--|--|--|
| 4(b)     | Discuss the importance of human resource management to the success of the planned expansion of the CellX manufacturing centre.   |                                   |   |   |   |  |  |  |
|          | Level  | Knowledge<br>2 marks              | Application 2 marks                     | Analysis<br>4 marks   | Evaluation<br>4 marks   |  |  |  |
|          | 2  | 2 marks<br>Two relevant<br>points | 2 marks<br>Two points of<br>application | 3–4 marks<br>Good use of<br>theory and/or<br>reasoned<br>argument | 3–4 marks<br>Good judgement<br>shown e.g. well<br>supported<br>conclusion |  |  |  |
|          | 1  | 1 mark<br>One relevant<br>point   | 1 mark<br>One point of<br>application   | 1–2 marks<br>Some use of<br>theory and/or<br>reasoned<br>argument | 1–2 marks<br>Some judgement<br>shown                                      |  |  |  |
|          | <ul> <li>Motivation of employees</li> <li>Importance of cooperation between management and the workforce to success</li> <li>Recruitment, selection and training</li> </ul>  |                                   |   |   |   |  |  |  |
|          | Application  High labour turnover of 16.7% is a problem for AEV operations High union density Workforce planning to recruit 2000 workers with appropriate skills Need to double output per employee to meet target Reference to issues of employee dissatisfaction Long hours Compulsory overtime Unrealistic production targets?  |                                   |   |   |   |  |  |  |
|          | <ul> <li>Employee health and safety</li> <li>Quality problems may be linked to employee dissatisfaction</li> </ul>   |                                   |   |   |   |  |  |  |
|          | <ul> <li>Analysis</li> <li>If labour turnover continues to increase this will impact AEV's ability to meet the growing demand for vehicles. Delays in delivery of vehicles will impact reputation and future sales as customers will go elsewhere</li> <li>Quality problems will also harm sales in the long term. Employee concerns need to be addressed to improve product</li> <li>Determination of employment contracts in order to control costs</li> </ul> |                                   |   |   |   |  |  |  |

© UCLES 2019 Page 12 of 20

| Question | Answer  | Marks |
|----------|---|-------|
| 4(b)     | <ul> <li>Evaluation</li> <li>Justification of most important issue</li> <li>Success of expanded CellX depends crucially on employees. HRM is critical in terms of planning and execution of the expansion</li> <li>There are other factors that will also determine success, e.g. supplies of raw materials from country C for the batteries</li> <li>Depends on availability of finance</li> </ul> |       |

© UCLES 2019 Page 13 of 20

| Question | Answer   |   |  |  |   |   |  |
|----------|--|---|--|--|---|---|--|
| 5        | Discuss t  | the significanc   | e of product d   | evelopment to AEV's  | future success.   | 1 |  |
|          | Level  | Knowledge<br>2 marks  | Application 2 marks  | Analysis<br>6 marks  | Evaluation<br>6 marks                                     |   |  |
|          | 2  | 2 marks<br>Good<br>knowledge<br>shown   | 2 marks<br>Good<br>application<br>to AEV   | 4–6 marks<br>Good use of theory<br>and/or reasoned<br>argument   | 4–6 marks<br>Good<br>judgement<br>shown                   |   |  |
|          | 1  | 1 mark<br>Some<br>knowledge<br>shown  | 1 mark<br>Some<br>application<br>to AEV  | 1–3 marks<br>Some use of theory<br>and/or reasoned<br>argument   | 1–3 marks<br>Some<br>judgement<br>shown                   |   |  |
|          | <ul> <li>Definition of product development within Ansoff's Matrix framework, i.e. new product for existing market</li> <li>Definition of product development: the development and sale of new products or new developments of existing products</li> <li>Definition of research and development: scientific research and technological development. This will contribute to product development</li> <li>Benefits of product development:         <ul> <li>Competitive advantage</li> <li>Developing products to meet customer expectations</li> </ul> </li> <li>Application</li> <li>Significance of improvements in battery technology to gaining competitive advantage. R&amp;D's contribution to increasing energy density</li> <li>Reference to data in Fig. 1</li> </ul> |   |  |  |   |   |  |
|          | <ul><li>R&amp;D</li><li>AEV4</li><li>produ</li><li>Refer</li></ul>   | has helped redu<br>model importa  | uce battery cos<br>nt to take AEV<br>bing electric tru                               | from a niche producer<br>ck  |   |   |  |
|          | <ul> <li>comp</li> <li>Electric making distangular</li> <li>Increase promotes</li> <li>Developed</li> </ul>  | etitiveness of A ric vehicle sales ng them less des nces asing energy de otion of AEV pro | EV relative to of face constrain sirable than alto notice to gain of the broadened A | pe reduced increasing to<br>competitors<br>t of range of vehicles of<br>ernatives due to difficult<br>ve the product and car<br>customer interest<br>EV's market appeal re | on battery charge<br>Ity of driving long<br>In be used in |   |  |
|          |  | nce reputation a  |  | e company increasing l   | brand loyalty and   |   |  |

© UCLES 2019 Page 14 of 20

| Question | Answer  | Marks |
|----------|---|-------|
| 5        | <ul> <li>Product development essential in this market as without it product unable to compete with existing technologies</li> <li>Cost of research is high and not guaranteed to be successful</li> <li>First mover advantage may be important</li> <li>Dynamic nature of the car market requires AEV to be constantly developing its products to maintain a competitive edge</li> <li>Other factors will be important to future success, e.g. government policy</li> </ul> |       |

© UCLES 2019 Page 15 of 20

Questions 6 and 7 use this marking grid:

| Level | Knowledge<br>3 marks                        | Application 3 marks                             | Analysis<br>4 marks   | Evaluation<br>10 marks   |
|-------|---|---|---|--|
| 3     |   |   |   | 7–10 marks Good judgement shown throughout with well supported conclusion/recommendation, focused on the business in the case  |
| 2     | 3 marks<br>Good<br>understanding<br>shown   | 3 marks<br>Good<br>application<br>to the case   | 3–4 marks<br>Good use<br>of<br>reasoned<br>argument<br>or use of<br>theory to<br>explain<br>points<br>made    | 4–6 marks Some judgement shown in the main body of the answer <b>and</b> an attempt to support conclusion/recommendation, focused on the business in the case  OR  effective and well supported conclusion/recommendation, focused on the business in the case |
| 1     | 1–2 marks<br>Some<br>understanding<br>shown | 1–2 marks<br>Some<br>application<br>to the case | 1–2 marks<br>Limited use<br>of<br>reasoned<br>argument<br>or use of<br>theory to<br>support<br>points<br>made | 1–3 marks Limited attempt to show judgement either within the answer OR a weakly supported conclusion/ recommendation with some focus on the business in the case  |
| 0     | No creditable content                       |   |   |  |

© UCLES 2019 Page 16 of 20

| Question | Answer   | Marks |
|----------|--|-------|
| 6        | Evaluate the importance of business planning to AEV's future profitability.  | 20    |
|          | Examiner reminder: L2 EVAL should be awarded if: some judgement shown in the main body of the answer and an attempt to support conclusion/recommendation, focused on the business in the case  OR  effective and well supported conclusion/recommendation, focused on the business in the case   |       |
|          | <ul> <li>Knowledge</li> <li>Definition of business planning: setting objectives and determining strategies and their implementation to achieve objectives including the use of contingency planning for unexpected events</li> <li>Planning gives direction to the business</li> <li>Planning promotes coordination of different parts of business towards a single goal</li> <li>Helps secure finance from investors</li> </ul>   |       |
|          | <ul> <li>Application</li> <li>Failure of AEV to meet demand for AEV4</li> <li>Problems of quality with previous model launches and link to planning</li> <li>Reference to the two strategic options under consideration</li> <li>Reference to the expansion of CellX</li> <li>Reference to R&amp;D and market objectives of AEV</li> </ul>   |       |
|          | <ul> <li>Analysis</li> <li>Analysis of benefits of planning and consequences of poor planning</li> <li>Failure of AEV to plan appropriately for demand for AEV4 is damaging cash flow and reputation and therefore will lose profits</li> <li>Expansion of CellX factory requires resources – capital and labour – planning necessary to ensure disruption to production is minimised and resources available as necessary</li> <li>Joint venture requires planning to overcome cultural differences between organisations and deal with issues regarding operating in another country, e.g. dealing with the government. How the joint venture is to be managed will need to be established in advance of operations</li> </ul> |       |

© UCLES 2019 Page 17 of 20

| Question | Answer   | Marks |
|----------|--|-------|
| 6        | <ul> <li>Evaluation</li> <li>AEV operates in a dynamic market and therefore planning is essential to ensure the effective use of resources to meet changes in the market</li> <li>Planning needs to be reviewed in light of changes in the market, e.g. considering impacts of changes in the law and to be constantly updated</li> <li>Planning is important but without effective implementation success less likely</li> <li>Planning more likely to be effective if it is agreed so communication with, and involvement of, employees are important</li> </ul> |       |

© UCLES 2019 Page 18 of 20

| Question | Answer  | Marks |  |
|----------|---|-------|--|
| 7        | Recommend which one of the two strategic options AEV should choose.  Justify your recommendation. Your answer must include an evaluation of strategic choice techniques.  |       |  |
|          | Examiner note: Limit to 4 marks EVAL if no evaluation of SC techniques made   |       |  |
|          | Examiner reminder: L2 EVAL should be awarded if: some judgement shown in the main body of the answer <b>and</b> an attempt to support conclusion/recommendation, focused on the business in the case <b>OR</b> effective and well supported conclusion/recommendation, focused on the business in the case  |       |  |
|          | <ul> <li>Knowledge</li> <li>Knowledge of strategic choice techniques</li> <li>Decision trees</li> <li>Ansoff's matrix</li> <li>Force-field analysis</li> <li>Investment appraisal</li> </ul>  |       |  |
|          | <ul> <li>Understanding of relevant factors:</li> <li>ARR – measures return on investment. Higher % the better</li> <li>Lower capital cost will be preferable</li> <li>Lower risk of failure is preferable</li> <li>Lower payback period is preferable</li> <li>Use of AEV's core competencies</li> <li>Understanding of strengths and weaknesses of AEV</li> <li>Understanding of opportunities and threats facing AEV</li> </ul>   |       |  |
|          | <ul> <li>Application</li> <li>According to Ansoff's matrix, the joint venture is market development and the truck is product development or diversification</li> <li>Capital cost of Option 2 is \$700 m more than Option 1</li> <li>Risk of failure is 5% points more for Option 2 than Option 1</li> <li>ARR of Option 1 is 10% compared to 8% for Option 2</li> <li>Gearing ratio in 2019 is 55%</li> <li>Use of driving force/constraining force information, e.g. culture clash</li> </ul> |       |  |

© UCLES 2019 Page 19 of 20

| Question | Answer  | Marks |
|----------|---|-------|
| 7        | <ul> <li>Establishing a greater presence in Country C through the joint venture would enable an increase in market share in the most important market in the world. This may offer significant potential for future growth</li> <li>Delaying building a factory in country C would enable existing manufacturers to consolidate their position in the market</li> <li>Development of a truck will take longer and significantly more capital than Option 1 increasing pressure on cash flow of AEV</li> <li>Decision tree analysis encourages a logical approach to decision making which can reduce the risk of taking strategic decisions thus reducing the chance of failure</li> <li>Success of AEV in developing battery technology suggests that AEV has the ability to develop the technology further for use in trucks</li> </ul>   |       |
|          | <ul> <li>Supported judgement for either option</li> <li>Identification of most important factor in choosing which option should be chosen, with supporting argument, e.g. capital cost with reference to gearing and cash flow over last year</li> <li>Will shareholders be prepared to wait for returns from Option 2?</li> <li>Ansoff's analysis only considers two main factors – it is important to consider SWOT and PEST to provide a more complete picture</li> <li>Force-field analysis: allocation of numerical figure to driving and constraining forces is subjective and managers may fail to identify all relevant factors</li> <li>Decision tree limitations include the accuracy of the data used and estimates of probability. Does not consider the qualitative factors on a decision</li> <li>Expected returns in a decision tree are average returns are not necessarily the final result</li> <li>Decision trees do not eliminate risk</li> </ul> |       |

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