
ACCOUNTING

9706/32

Paper 3 A Level Structured Questions

March 2019

MARK SCHEME

Maximum Mark: 150

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.

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 March 2019 series for most Cambridge IGCSE™, Cambridge International A and AS Level components and some Cambridge O Level components.

This document consists of **22** printed pages.

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)	<p style="text-align: center;">Income and expenditure account for year ended 30 June 2018</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th><th style="text-align: right;">\$</th><th style="text-align: right;">\$</th></tr> </thead> <tbody> <tr> <td>Subscription fee</td><td></td><td></td></tr> <tr> <td>(\$544 000 + (\$3400 + \$8200) (1) – (\$7000 + \$2400) (1))</td><td></td><td style="text-align: right;">546 200</td></tr> <tr> <td>Restaurant profit (\$12 600 – \$3300)</td><td></td><td style="text-align: right;">9 300 (1)</td></tr> <tr> <td></td><td></td><td style="text-align: right; border-top: 1px solid black;">555 500</td></tr> <tr> <td>Depreciation clubhouse $\\$300\,000 \times 4\%$</td><td style="text-align: right;">12 000</td><td style="text-align: right;">(1)</td></tr> <tr> <td>Depreciation equipment $(\\$140\,000 - \\$64\,000) \times 15\%$</td><td style="text-align: right;">11 400</td><td style="text-align: right;">(1)</td></tr> <tr> <td>Club operating expenses</td><td style="text-align: right;">192 000</td><td></td></tr> <tr> <td>Club staff salaries</td><td style="text-align: right;">326 000</td><td></td></tr> <tr> <td>Loan interest $\\$10\,000 \times 10\% \times \frac{6}{12}$</td><td style="text-align: right; border-top: 1px solid black;">500</td><td style="text-align: right;">(1)</td></tr> <tr> <td></td><td></td><td style="text-align: right; border-top: 1px solid black;">541 900</td></tr> <tr> <td>Surplus of income over expenditure</td><td></td><td style="text-align: right; border-top: 1px solid black; border-bottom: 3px double black;">13 600 (1) OF</td></tr> </tbody> </table>		\$	\$	Subscription fee			(\$544 000 + (\$3400 + \$8200) (1) – (\$7000 + \$2400) (1))		546 200	Restaurant profit (\$12 600 – \$3300)		9 300 (1)			555 500	Depreciation clubhouse $\$300\,000 \times 4\%$	12 000	(1)	Depreciation equipment $(\$140\,000 - \$64\,000) \times 15\%$	11 400	(1)	Club operating expenses	192 000		Club staff salaries	326 000		Loan interest $\$10\,000 \times 10\% \times \frac{6}{12}$	500	(1)			541 900	Surplus of income over expenditure		13 600 (1) OF	7
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Question	Answer	Marks
1(b)	<p>Responses could include:</p> <p>receipts and payments account is a summary of cash book while income and expenditure account is of same nature as an income statement; (1)</p> <p>receipts and payments account applies cash basis accounting while income and expenditure account applies accrual accounting; (1)</p> <p>receipts and payments account records only cash transactions while income and expenditure also records non-cash transactions such as depreciation; (1)</p> <p>receipts and payments account looks for the increase / decrease in cash during the year while income and expenditure account looks for the surplus / deficit; (1)</p> <p>the opening balance of receipts and payments account represents cash balance at bank and in hand while there is no opening balance for income and expenditure account. (1)</p> <p>Accept other valid points. (1 mark) × 2 differences</p>	2

Question	Answer				Marks
1(c)	Statement of financial position at 30 June 2018				7
		\$	\$	\$	
		Cost	Accumulated depreciation	NBV	
Non-current assets					
Clubhouse	300 000		168 000	132 000	(1) OF
Equipment	140 000		75 400	64 600	(1) OF
	<u>440 000</u>		<u>243 400</u>	<u>196 600</u>	
Current assets					
Inventory			23 400		
Subscriptions in arrears			8 200		
Cash and cash equivalents			7 700		
				<u>39 300</u>	(1)
Total assets				<u>235 900</u>	
Accumulated fund at 1 July 2017				194 000	
Surplus for the year				13 600	(1) OF
Non-current liability					
Loan from member				10 000	(1)
Current liabilities					
Trade payables			12 100		
Subscriptions in advance			2 400	(1)	
Accrued wages			3 300	}	
Accrued interest			500	} (1) OF	
				<u>18 300</u>	
Total accumulated fund and liabilities				<u>235 900</u>	

Question	Answer	Marks																		
1(d)	<table> <tr> <td></td><td>\$</td><td></td></tr> <tr> <td>Restaurant profit</td><td>9 300</td><td></td></tr> <tr> <td>Increase in inventory (23 400 – 15 700)</td><td>(7 700)</td><td>(1)</td></tr> <tr> <td>Decrease in trade payables (12 100 – 13 900)</td><td>(1 800)</td><td>(1)</td></tr> <tr> <td>Increase in accrued wages</td><td>3 300</td><td>(1)</td></tr> <tr> <td>Net cash surplus from restaurant</td><td><u>3 100</u></td><td>(1) OF</td></tr> </table>		\$		Restaurant profit	9 300		Increase in inventory (23 400 – 15 700)	(7 700)	(1)	Decrease in trade payables (12 100 – 13 900)	(1 800)	(1)	Increase in accrued wages	3 300	(1)	Net cash surplus from restaurant	<u>3 100</u>	(1) OF	4
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1(e)	<p>Responses could include:</p> <ul style="list-style-type: none"> less paper work and procedures (than bank loan) quicker to obtain loan (than bank loan) may not require collateral (vs. bank loan) <p>however:</p> <ul style="list-style-type: none"> still may have to pay interest still may have to repay the loan already has a loan from a member \$10 000; members may refuse to lend more <p>Accept other valid points. (2 marks) for explaining one reason for obtaining members' loan and (2 marks) for explaining one reason against members' loan. (1 mark) for decision.</p>	5																		

Question	Answer	Marks
2(a)	<p>Trade receivables turnover = $\frac{137\,500}{994\,000} \times 365 = 51 \text{ days (1)}$</p> <p>Inventory turnover ratio = $\frac{220\,000}{640\,000 (1)} \times 365 = 126 \text{ days (1) OF}$</p> <p>Trade payables turnover = $\frac{52\,100}{680\,000} \times 365 = 28 \text{ days (1)}$</p> <p>Working capital cycle = $51 + 126 - 28 = 149 \text{ days (1) OF}$</p>	5
2(b)	<p>The company is receiving payments and making payments within the agreed period. (1)</p> <p>Payments are being made before receipt (1) so there will be an adverse effect on cash flow. (1)</p> <p>Inventory turnover ratio has worsened from the previous year. (1) OF</p> <p>Liquidity could be improved by reducing receivable days and inventory turnover ratio whilst increasing payables days. (1)</p> <p>Accept other valid points.</p>	5
2(c)	<p>The ratio has worsened from the previous year (1) because a greater proportion of the revenue is being used to fund the working capital cycle. (1)</p> <p>The increase in the closing inventory has contributed to this (1) and indicates greater inefficiency. (1)</p> <p>The fall in trade payables (1) and rise in trade receivables (1) have also had the same effect.</p> <p>Accept other valid points.</p>	6

Question	Answer	Marks
2(d)	<p>The gearing of F Limited is lower which indicates less risk (1) although both are low geared companies. (1)</p> <p>Earnings per share of C Limited is higher which is better (1) indicating greater profits for each share held. (1)</p> <p>Dividend cover of C Limited is higher which is better (1) indicating that there is a greater proportion of profits available for the payment of dividends. (1)</p> <p>Dividend per share of C Limited is higher which is better (1) showing that a higher dividend is paid for each share owned. (1)</p> <p>From the limited information available, I would advise Blair to invest in C Limited. (1)</p> <p>Accept other valid points.</p> <p>Award 1 mark for decision and max 2 marks for each ratio.</p>	9

Question	Answer	Marks															
3(a)	<p>The closing inventory is valued at:</p> <table> <tr> <td></td><td>\$</td><td></td></tr> <tr> <td>unsold containers $6 \times 7\,200$</td><td>43 200</td><td>(1)</td></tr> <tr> <td>shipping expenses $\frac{1}{5} \times 11\,600$</td><td>2 320</td><td>(1)</td></tr> <tr> <td>customs charges $\frac{1}{5} \times 7\,800$</td><td>1 560</td><td>(1)</td></tr> <tr> <td>closing inventory valuation.</td><td><u>47 080</u></td><td>(1) OF</td></tr> </table>		\$		unsold containers $6 \times 7\,200$	43 200	(1)	shipping expenses $\frac{1}{5} \times 11\,600$	2 320	(1)	customs charges $\frac{1}{5} \times 7\,800$	1 560	(1)	closing inventory valuation.	<u>47 080</u>	(1) OF	4
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3(c)	44 240 / 24 (1) = \$1843.33 (1) OF	2																																
3(d)	The debit balance (1) on Maureen’s account shows the amount payable by Maureen (trade receivable – the consignee) (1) to SH Limited (the consignor). (1)	3																																

Question	Answer		Marks
3(e)	Consignment	Joint venture	4
	Long-term trading relation (1)	Short-term, specific purpose (1)	
	Profit usually commission (1)	Joint venture total profit shared (1)	
	Involves consigner and consignee (1)	Involves co-venturers (1)	
	Control exercised by consignor (1)	Both parties have control over decisions (1)	
	Accept other valid points. Max 4		

Question	Answer	Marks
4(a)(i)	No movement of funds is involved. (1)	1
4(a)(ii)	Revaluation of non-current asset. (1)	1
	Accept other valid points.	

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4(b)	<p style="text-align: center;">T plc Schedule of non-current assets</p> <table> <thead> <tr> <th></th><th>Land and buildings</th><th>Machinery</th><th>Fixtures and fittings</th><th>Total</th><th></th></tr> <tr> <th></th><th>\$000</th><th>\$000</th><th>\$000</th><th>\$000</th><th></th></tr> </thead> <tbody> <tr> <td>Cost at 1 January 2018</td><td>400</td><td>214</td><td>82</td><td>696</td><td>(1) for row</td></tr> <tr> <td>Purchases</td><td></td><td>262</td><td>10</td><td>272</td><td>(1) for row</td></tr> <tr> <td>Disposals</td><td></td><td>(100)</td><td></td><td>(100)</td><td>(1) for row</td></tr> <tr> <td>Cost at 31 December 2018</td><td><u>400</u></td><td><u>376</u></td><td><u>92</u></td><td><u>868</u></td><td></td></tr> <tr> <td>Accumulated depreciation at 1 January 2018</td><td>12</td><td>112</td><td>17</td><td>141</td><td>(1) for row</td></tr> <tr> <td>Charge for the year</td><td>4</td><td>84</td><td>9</td><td>97</td><td>(1) for row</td></tr> <tr> <td>Eliminated on disposals</td><td></td><td>(70)</td><td></td><td>(70)</td><td>(2) for row*</td></tr> <tr> <td>Accumulated depreciation at 31 December 2018</td><td><u>16</u></td><td><u>126</u></td><td><u>26</u></td><td><u>168</u></td><td></td></tr> <tr> <td>NBV at 31 December 2018</td><td><u>384</u></td><td><u>250</u></td><td><u>66</u></td><td><u>700</u></td><td>(1) OF for row</td></tr> <tr> <td>NBV at 1 January 2018</td><td><u>388</u></td><td><u>102</u></td><td><u>65</u></td><td><u>555</u></td><td>(1) for row</td></tr> </tbody> </table> <p>* depreciation eliminated = $100 + 12 - 42 = 70$</p> <p>(2) for correct answer in correct column (1) for other answer based on 100 in correct column</p>					Land and buildings	Machinery	Fixtures and fittings	Total			\$000	\$000	\$000	\$000		Cost at 1 January 2018	400	214	82	696	(1) for row	Purchases		262	10	272	(1) for row	Disposals		(100)		(100)	(1) for row	Cost at 31 December 2018	<u>400</u>	<u>376</u>	<u>92</u>	<u>868</u>		Accumulated depreciation at 1 January 2018	12	112	17	141	(1) for row	Charge for the year	4	84	9	97	(1) for row	Eliminated on disposals		(70)		(70)	(2) for row*	Accumulated depreciation at 31 December 2018	<u>16</u>	<u>126</u>	<u>26</u>	<u>168</u>		NBV at 31 December 2018	<u>384</u>	<u>250</u>	<u>66</u>	<u>700</u>	(1) OF for row	NBV at 1 January 2018	<u>388</u>	<u>102</u>	<u>65</u>	<u>555</u>	(1) for row	9
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4(c)	T plc Statement of Changes in Equity for the year ended 31 December 2018							9																																																																
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W1 profit for the year = 288 – 21 (1) interest – 100 (1) tax = 167 (1) OF																																																																								

Question	Answer	Marks
4(d)	<p>The directors should continue with the statement of cash flows. (1)</p> <p>A statement of cash flows is a requirement of IAS 1. (1) It shows how cash has been acquired and applied. (1) It is a link between two statements of financial position. (1)</p> <p>A cash budget is a management tool. (1) It deals with the future, not historical data. (1) If published, it could be of use to competitors. (1)</p> <p>Accept other valid points. (1) for decision + (Max 2) for comments on statement of cash flows at (1) mark each and (Max 2) for comments on cash budgets.</p>	5

Question	Answer				Marks
5(a)		Premier	Standard		3
		\$	\$		
	Direct materials	80	50	}	
	Direct labour	90	50	}(1) for all	
	Fixed overheads	36	24	(1) for both	
	Cost per unit	206	124	(1) OF for both	
	Fixed overhead per unit $\frac{\$480\,000}{40\,000} = \12				
5(b)	Cost driver is the factor that causes the change (1) in the cost of an activity. (1)				2

Question	Answer	Marks
5(c)	<p>Advantages</p> <p>ABC provides more reliable information for product costing, i.e. it is based on activity cost driver. (1)</p> <p>ABC facilitates pricing decision. (1)</p> <p>Disadvantages</p> <p>It is time consuming to implement ABC. (1)</p> <p>Determining the cost driver may be difficult. (1)</p> <p>Measuring the quantity of each cost driver consumed may be difficult. (1)</p> <p>It is costly because it may be necessary to employ a specialist to implement the ABC system. (1)</p> <p>Accept other valid points.</p> <p>Max 2 for advantages, Max 3 for disadvantages</p>	5

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Question	Answer		Marks																																																																																
5(d)	<table> <tr> <td></td><td>Premier</td><td>Standard</td><td></td></tr> <tr> <td></td><td>\$</td><td>\$</td><td></td></tr> <tr> <td>Direct materials</td><td>80</td><td>50</td><td>}</td></tr> <tr> <td>Direct labour</td><td>90</td><td>50</td><td>} (1) OF for all</td></tr> <tr> <td>Fixed overheads</td><td>28</td><td>36</td><td></td></tr> <tr> <td>Cost per unit</td><td><u>198</u> (1) OF</td><td><u>136</u> (1) OF</td><td></td></tr> </table> <table> <tr> <td></td><td>Premier</td><td>Standard</td><td></td></tr> <tr> <td></td><td>\$</td><td>\$</td><td></td></tr> <tr> <td>Materials requisition</td><td></td><td></td><td></td></tr> <tr> <td>2 × \$1200*</td><td>2 400</td><td>)</td><td></td></tr> <tr> <td>6 × \$1200</td><td></td><td>7 200</td><td>)(1)</td></tr> <tr> <td>Machine setup</td><td></td><td></td><td></td></tr> <tr> <td>2 × \$4000*</td><td>8 000</td><td>)</td><td></td></tr> <tr> <td>3 × \$4000</td><td></td><td>12 000</td><td>)(1)</td></tr> <tr> <td>Inspection</td><td></td><td></td><td></td></tr> <tr> <td>120 × \$30*</td><td>3 600</td><td>)</td><td></td></tr> <tr> <td>320 × \$30</td><td></td><td>9 600</td><td>)(1)</td></tr> <tr> <td>Total for June 2019</td><td><u>14 000</u></td><td><u>28 800</u></td><td></td></tr> <tr> <td>Units produced</td><td>÷ 500</td><td>÷ 800</td><td></td></tr> <tr> <td>Per unit</td><td>\$28 (1) OF</td><td>\$36 (1) OF</td><td></td></tr> </table> <p>* $\frac{\\$90\,000}{75} = \\1200 per requisition</p> <p>* $\frac{\\$240\,000}{60} = \\4000 per setup</p> <p>* $\frac{150\,000}{5000} = \\30 per inspection hour</p>			Premier	Standard			\$	\$		Direct materials	80	50	}	Direct labour	90	50	} (1) OF for all	Fixed overheads	28	36		Cost per unit	<u>198</u> (1) OF	<u>136</u> (1) OF			Premier	Standard			\$	\$		Materials requisition				2 × \$1200*	2 400)		6 × \$1200		7 200)(1)	Machine setup				2 × \$4000*	8 000)		3 × \$4000		12 000)(1)	Inspection				120 × \$30*	3 600)		320 × \$30		9 600)(1)	Total for June 2019	<u>14 000</u>	<u>28 800</u>		Units produced	÷ 500	÷ 800		Per unit	\$28 (1) OF	\$36 (1) OF		8
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5(e)(iii)	<p>Difference in price of Premier (\$288.40 – \$277.20) = \$11.20 Difference in price of Standard (\$173.60 – \$190.40) = \$16.80</p> <p>The difference in selling price is caused by the fixed overhead charged to each product (1) For Premier (\$36 – \$28) × 140% = \$11.20 (1) OF For Standard (\$36 – \$24) × 140% = \$16.80 (1) OF</p>				3																														

Question	Answer										Marks																																																																		
6(a)(i)	<table><tr><td></td><td></td><td></td><td></td><td>Material price</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>\$</td><td></td></tr><tr><td></td><td>standard</td><td>2800 kilos</td><td></td><td>× \$6</td><td></td><td>16 800</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>actual</td><td></td><td></td><td></td><td></td><td>17 350</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td><u>17 350</u></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td><u>\$550</u></td><td>(1)</td><td>A</td><td>(1)</td><td></td></tr></table>														Material price																\$			standard	2800 kilos		× \$6		16 800						actual					17 350											<u>17 350</u>											<u>\$550</u>	(1)	A	(1)		2
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Question	Answer						Marks
6(a)(ii)	standard actual	5900 units	Material usage × 0.5 kilos	2 950 2 800 <u>150</u> kilos × \$6 <u>\$900</u>	(1)	F (1)	2
6(a)(iii)	standard actual	9500 hours	Labour rate × \$4.50	\$ 42 750 42 275 <u>\$475</u>	(1)	F (1)	2
6(a)(iv)	standard actual	5900 units	Labour efficiency × 1.5 hours	8 850 9 500 <u>650</u> hours × \$4.50 <u>\$2 925</u>	(1)	A (1)	2
	1 mark for calculation plus 1 mark for direction						

Question	Answer	Marks
6(b)	<p>Material price variance – adverse</p> <p>Unexpected price increase.</p> <p>Loss of previous discount from supplier.</p> <p>Better quality materials purchased.</p> <p>(1 mark) × any 1 reason OF</p> <p>Material usage variance – favourable</p> <p>Less wastage due to better quality material.</p> <p>Less wastage due to better skilled/experienced workforce.</p> <p>(1 mark) × any 1 reason OF</p> <p>Labour rate – favourable</p> <p>A planned pay increase was not given.</p> <p>Use of lower skilled labour.</p> <p>Greater supply of labour.</p> <p>(1 mark) × any 1 reason OF</p>	4

Question	Answer	Marks
6(b)	<div>Labour efficiency - adverse</div> <div>Use of lower quality material.</div> <div>Use of lower skilled labour.</div> <div>More idle time than budgeted.</div> <div>Poor supervision</div> <div>(1 mark) × any 1 reason OF</div> <div>Accept other valid points.</div>	
6(c)(i)	<div>Fixed overhead expenditure</div> <div><div><div></div><div>standard</div><div>actual</div></div><div><div>6500 units × 1.5 hours × \$5</div><div></div><div></div></div><div><div>\$</div><div>48 750</div><div>52 100</div><div><div><div>\$3 350</div><div>(1)</div><div>A (1)</div></div></div></div></div>	2
6(c)(ii)	<div>Fixed overhead volume</div> <div><div><div></div><div>standard</div><div>actual</div></div><div><div>units</div><div>units</div></div><div><div>6 500</div><div>5 900</div><div><div>600 units</div><div>Standard OAR</div><div>1.5 hours × \$5</div><div>×</div><div>\$7.50</div><div><div>\$4 500</div><div>(1)</div><div>A (1)</div></div></div></div></div>	2

Question	Answer	Marks
6(d)	<p>The fixed overhead volume variance is the difference between the actual and budgeted production and can be broken down further (to show what caused this difference) into the fixed overhead efficiency (1) and fixed overhead capacity. (1)</p> <p>If Jack calculated the fixed overhead efficiency he would know how much of the volume variance was due to the efficiency of his workforce. (1) As the volume variance was adverse for Jack this could mean the workforce worked more slowly than expected (1) due to lack of skills, poor material quality. (1)</p> <p>If Jack calculated the fixed overhead capacity he would know how much of the <i>volume</i> variance was due to number of hours worked. (1) As the <i>volume</i> variance was adverse for Jack this could mean the workforce worked fewer hours than expected (1) due to strikes, machine breakdown or shortage of labour. (1)</p> <p>Accept other valid points.</p> <p>Max 5</p>	5

Question	Answer	Marks
6(e)	<p>Advantages</p> <ul style="list-style-type: none"> Acting as a control device in variance analysis (1) Assisting in budget setting (1) Evaluating managers performance (1) Predicting future costs to aid decision making (1) Providing targets to motivate staff (1) Suggesting ways to improve efficiency (1) Enabling more accurate inventory valuation (1) <p>Disadvantages</p> <ul style="list-style-type: none"> Time consuming to collect data (1) Standards based on estimates (1) Unrealistic standards can demotivate staff (1) Factors causing variances are outside his control (1) <p>Max 2 marks for advantages and Max 2 marks for disadvantages Accept other valid points.</p>	4