

GCSE Applied

Edexcel GCSE

Business (5308)

June 2006

advancing learning, changing lives

Mark Scheme (Results)

General guidance on marking

Examiners should look for qualities to reward rather than faults to penalise. This does NOT mean giving credit for incorrect or inadequate answers, but it does mean allowing learners to be rewarded for answers showing correct application of principles and knowledge, and for critical and imaginative thinking. Examiners should therefore read carefully and consider every response; even if it is not what is expected it may be worthy of credit. The Principal Examiner or Team Leader should be consulted as necessary.

Using the mark scheme

- 1 In the first row the question is identified.
- 2 The first column identifies the relevant Assessment Objective(s). These give an indication as to the relative degree of difficulty of the question.
- 3 The second column identifies how the marks should be awarded.
- 4 The **(6 marks)** or similar shown in the column is the sub total allocated to that part of the question, and is the same as the sub total which appears on the question paper.
- 5 The third column identifies exemplar responses to the question. The exemplar responses are not necessarily exhaustive and so professional judgement should be applied by the marker.
- For some of the exemplar responses, example answers have been supplied to give additional guidance, particularly where the question allows for a wide range of response from the learner.
- 7 (1) identifies the award of each mark.
- 8 Each bullet point illustrates an alternative way of obtaining the mark(s).
- 9 The use of a dash '—' indicates the separation of points made, to show where the marks lie. The use of an oblique '/' indicates an alternative point for the same mark.
- 10 The use of underscore indicates that the word/phrase is drawn from the question and does not have marks directly allocated to it.

Where more extended answers are required from the learner, levels of response style instructions have been provided.

5308 - Business Finance June 2006 Mark scheme

Q1		ct order. Also		ne of the documents show who sends the	listed below, in the document and who
AOs	Marl	k Allocation		Exemplar respons	es
AO1	1 mar box	k for each	See below		
	1 mar arrow	k for each 6 marks			
			City Secon	uds	
1. Purcl		2. Delivery Note	3. Invoice	4. Statement of Account	5. Cheque
	The Supplier				

Q2 (a) (i)	In cell D1 above, write a heading to explain what is being entered in column D.		
AOs	Mark Allocation Exemplar responses		
AO1	1 mark for word or phrase	Sales/Sales value/Total sales.Income/Total income.Revenue/Total revenue.	
	1 mark	(also accept use of '£' sign)	

Q2 (a) (ii)	Give a formula that Richard could have used in cell D2.		
AOs	Mark Allocation Exemplar responses		
AO1	1 mark for formula	B2 * C2	
	1 mark	(accept 'times' or 'multiplied by'; accept without '='; accept with or without 'SUM' reference)	

Q2(b)	Describe ONE other advantage to Richard of using a spreadsheet in this situation.		
AOs	Mark Allocation Exemplar responses		
AO1	1 mark for advantage 1 mark for description	 Existing structure - Richard can recall it at any time. Use of formulae - no need to keep entering can/drag to relevant cells. 	
	2 marks		

Q3(a)	In the table below, show each item as either a fixed asset, a current asset or a liability. In the 'Item' columns, write only the word shown in bold, and in the 'Amount £' columns, record the correct figure. One has already been done for you.		
AOs	Mark Allocation	Exemplar responses	
AO1	1 mark for fixed assets 1 mark for current assets 1 mark for liabilities 3 x 1 mark for totals 6 marks	See below	

Fixed	Fixed Assets		Current Assets		ities
Item	Amount £	Item	Amount £	Item	Amount £
Tills	765	Cash	458	Loan	5 000
Equipment	3 175	Stock	4 340	Suppliers	2 896
		Customers	341		
Total:	£ 3 940	Total:	£ 5 139	Total:	£ 7 896

Q3(b)	Discuss why Louise will be interested in the Profit and Loss Account of <i>City Seconds</i> .		
AOs	Mark Allocation	Exemplar responses	
AO2 = 1 AO3 = 2	1 mark for reason stated (may be implied) 1 mark for reason explained 1 mark for relevance of P&L Account 3 marks	 Security of employment (1) - Louise's job depends on the profitability of City Seconds (1) - profitability is shown in the Profit & Loss Account. (1) Pay (1) - Louise will be interested in a possible pay rise (1) - the Profit & Loss Account indicates likelihood of more pay. (1) 	

Q4(a)	Circle the first calculation error you find on the Invoice.		
AOs	Mark Allocation	Exemplar responses	
AO1	1 mark	£37.50	

Q4(b)	In the extract from the Sales Invoice below, calculate the correct Total to Pay.		
AOs	Mark Allocation	Exemplar responses	
AO1	1 mark for Total Goods 1 mark for Total to Pay	Total Goods £52.75 Total to Pay £49.58 (Accept VAT £7.39 and Total to Pay £49.59)	
	2 marks		

Q4(c)	Discuss TWO likely effects on the business of <i>Farm Foodstuffs</i> if it continues to make errors on its Invoices.		
AOs	Mark Allocation Exemplar responses		
AO2	1 mark for effect on future 1 mark for development (1 + 1) x 2 4 marks	 Loss of future income/loss of customers/loss of business (1) - because customers will go elsewhere. (1) Future cashflow problems (1) - because customers won't pay on time. (1) More time spent correcting errors/wrong amounts received (1) - which will increase costs/will have to be corrected. (1) Affects tax liability (1) - because profits will be calculated wrongly. (1) 	

Q5(a)	State ONE cost to Park Pies of customers paying by cash only.		
AOs	Mark Allocation Exemplar responses		
AO1	1 mark for cost 1 mark	 Security/buying a safe/buying a till. Banking/having to go to the bank/cost of the current account. 	

Q5(b)	What will be ONE advantage to <i>Park Pies</i> if customers are also allowed to use their credit and debit cards to buy items?		
AOs	Mark Allocation Exemplar responses		
AO1 = 1	1 mark for advantage	Meeting customer preferences/convenience - people expect to be able to pay by 'plastic'. These process impulse purchases a system or a denit	
AO2 = 1	1 mark for development	 Encourages impulse purchases - customers don't need to have enough cash or their chequebook. Wider customer base - sales can be made over the telephone. More secure - because it reduces the amount of cash on the premises. Easier administration - a monthly statement of 	
	2 marks	 Easter administration - a monthly statement of card transactions rather than numerous cash and cheque transactions. Payment clear more quickly - compared with cheques. 	

Q5(c)	State TWO costs to <i>Park Pies</i> if customers are allowed to use their credit and debit cards.			
AOs	Mark Allocation Exemplar responses			
AO1	1 mark for each cost 2 marks	 Terminal rental/cost. Transaction fee. Set-up costs. Annual/monthly fee. Cost of waiting for payment. Fraudulent use of cards. 		

Q6(a)	Why should Chippa treat the cost of the oil as a variable cost?				
AOs	Mark Allocation	Mark Allocation Exemplar responses			
AO1	1 mark for why 1 mark	It varies with the number of meals made/sold.			

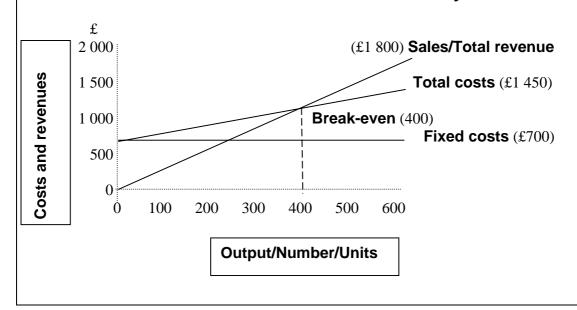
Q6(b)	Which TWO of the costs listed below are most likely to be fixed costs for <i>Park Pies</i> ? Place a tick in the box against each fixed cost.		
AOs	Mark Allocation Exemplar responses		
AO1	1 mark for each		
	cost	Sunil's salary (a full-time employee)	✓
		Business rates paid to the council	✓
	2 marks		

Q6(c)	How might Chippa use this budget in the future to check whether the new food delivery service is doing well or not?				
AOs	Mark Allocation	Mark Allocation Exemplar responses			
AO1	1 mark for use 1 mark for development 2 marks	Can compare actual with budget - and discover variances/study differences.			

Q6(d)	Using information in the scenario on page 2, name ONE budget that Chippa is likely to set for <i>Park Pies</i> that Richard will not set for <i>City Seconds</i> .				
AOs	Mark Allocation	Mark Allocation Exemplar responses			
AO3	1 mark for budget 1 mark	 Production. Food purchases. (Accept any other named budget in context). 			

Q7(a)	Using the information above, draw a fully labelled Break-even chart on the graph below. Label the axes and the Break-even point.			
AOs	Mark Allocation Exemplar responses			
AO1	3 x 1 = 3 marks lines 1 mark headings	Sales/Total revenue, Fixed Costs and Total Costs plotted and labelled. Suitable heading and axes.		
	1 mark break-even	Break-even point labelled (need not plot horizontally). (OFR)		
	5 marks			

Break-even Chart for the new food delivery service



Q7(b) (i)	How much will the fixed costs be if they do go up by 10 per cent?			
AOs	Mark Allocation Exemplar responses			
AO1	1 mark for amount £770.			
	1 mark			

Q7(b) (ii)	Discuss the effects that an increase in fixed costs will have on the break- even point of Chippa's new delivery service.		
AOs	Mark Allocation	Exemplar responses	
AO2 = 2	1 mark for each point about costs, revenue or lines (maximum 2 marks)	 Total revenue will not change (per unit)/the line will not change. Variable costs also stay the same (per unit)/the line will not change. Fixed costs line rises/rises by £70. 	
AO3 = 2	1 mark for effect on break-even 1 mark for amount of increase in break- even 4 marks	 More need to be sold to break even/the Break- even point will increase/will move to the right. Break-even is now 440/it has increased by 40. 	

Q8(a)	Using these figures, prepare the Cash Flow Forecast for <i>Bobbi's Taxis Ltd</i> on page 13. Some of the above information has already been entered for you.				
AOs	Mark Allocation	Mark Allocation Exemplar responses			
AO1	1 mark for each item Correct labelling throughout (1) Inflows 2 x 1 = (2) Total Inflow (1) no ofr Outflows 3 x 1 = (3) Total Outflow (1) no ofr Net cash flow (1) OFR Correct closing balance £5 000 (1) no ofr				
	10 marks				

2006	Jul £	Aug £	Sep £	Oct £	Nov £	Dec £
Inflow (Receipts						
Taxi Fees	4 000	4 000	5 000	5 000	6 000	9 000
Other Income	300	300	200	200	100	100
Total Inflow	4 300	4 300	5 200	5 200	6 100	9 100
Outflow (Payments)						
Office Costs	300	300	300	300	300	300
Petrol	500	500	600	600	750	1 000
Wages	3 600	3 600	3 600	3 600	3 600	4 800
Other Costs	150	150	150	150	150	150
Total Outflow	4 550	4 550	4 650	4 650	4 800	6 250
Net Inflow / Outflow	(250)	(250)	550	550	1 300	2 850
Opening Balance	250	0	(250)	300	850	2 150
Closing Balance	0	(250)	300	850	2 150	5 000

Q8(b)	Using your figures from the Cash Flow Forecast, or the figures from page 12, explain fully why producing this Cash Flow Forecast will help Roberta when planning for the next six months.		
AOs	Mark Allocation Exemplar responses		
AO2 = 2 AO3 = 2	1 mark for identifying information from CFF or figures in question 1 mark for explaining relevance to future planning (1 + 1) x 2	 Negative figure for August/no cash balance in July and negative in August - Roberta will need to arrange borrowing facilities/take action to ensure she has enough cash to pay her bills. Surplus cash toward the end of the six months/in November and December - Roberta must consider what to do with this surplus/how to invest it/where best to invest it. (accept arguments based on figures from the question or candidate's own figures) 	
	4 marks	5. 52.12.12.12.0 5 1.94. 55)	

Q8(c)	How will the computerised accounting system help Roberta to update her accounts more quickly than using the manual system?			
AOs	Mark Allocation	Mark Allocation Exemplar responses		
AO1	1 mark for how 1 mark	 All accounting records are updated at the same time. Staff only need to input the details once only. 		

Q8(d)	Why is Roberta wrong to believe this?		
AOs	Mark Allocation	Exemplar responses	
A03	1 mark for reason 1 mark for development 2 marks	 Input error - records will be wrong if original figure is entered incorrectly. Source error - wrong document used to input information means wrong information. 	

19	Using this information, complete the Profit and Loss Account <i>for Bobb Taxis Ltd</i> below. Some information has already been entered for you.			
AOs	Mark Allocation	lar responses		
AO1	1 mark for each item	See below.		
	8 marks			
Sa	ales		(1) 72 500	
С	ost of sales (1)		12 250	
	Gross Profit		(1) 60 250	
F	Expenses:			
	Depreciation on vehicles	5 00	0	
	Wages	45 50	(1) (both)	
	Office costs	3 20	(1) (both)	
	Other expenses	2 00	(1) (both)	
Т	Cotal expenses	•	(1) 55 700	
Net profit		(1) (both	4 550	

Q10(a)	For each cost, indicate whether it is a Start-up cost or a Runnning cost by placing a tick in the correct column below.			
AOs	Mark Allocation	Exemplar responses		
AO1	1 mark for each tick	Start-up Running Buying the cars Advertising Servicing Special seat Poster Cleaning Start-up Running Running		
	6 marks			

Q10(b)	Recommend TWO of these sources of finance for Roberta to use. Expalin fully why you have recommended each source, and why you have not recommended the other two sources.			
AOs	Mark Allocation	Exemplar responses		
AO1 = 3 AO2 = 3 AO3 = 6	No marks for recommendation Recommended 1 mark for each point (also award 1 mark for a valid point against, if a balanced argument is used) (maximum 6 marks)	 Share capital: for Keeps control in the family. Permanent capital/no need to repay. No debt owed to outside business/safe way to raise capital. No interest charges. Sell taxis: for May be surplus to requirements. Easy to do/easily available assets. Quick way to raise money. Borrow from bank: for Already in a business relationship. Can budget for the cost/repayments. Bank can provide financial advice. Does not damage liquidity/it is the bank's money. Retained profits: for Already available/easily available. No interest charges. What reserves such as this are for. 		
	Not recommended 1 mark for each point (also award 1 mark for a valid point for, if a balanced argument is used) (maximum 6 marks)	 Share capital: against May lead to family disputes/affects relationships. Loss of control/Oliver will have a say in running. Oliver may be a poor businessman. Sell taxis: against No guarantee that they will raise this amount. No guarantee they can be sold. Borrow from bank: against Regular/long-term interest payments. Loan sum may also need repaying. Unable to pay, the bank can force sale of assets/closure. May affect ability to borrow in the future. Retained profits: against The business's own cash must be used. Liquidity will be affected/may put strain on cash resources. These reserves will not be available for other future uses. May be needed/other taxis may have to be bought later. 		

Question	AO1	AO2	AO3	Total	Reference
1	6			6	A. Financial documents
2 (a)	2			2	G. Calculating profit or loss
2 (b)	2			2	G. Calculating profit or loss
3 (a)	6			6	H. Understanding a balance sheet
3 (b)		1	2	3	I. Importance of business accounts
4 (a)	1			1	A. Financial documents
4 (b)	2			2	A. Financial documents
4 (c)		4		4	A. Financial documents
5 (a)	1			1	B. Making and receiving payments
5 (b)	1	1		2	B. Making and receiving payments
5 (c)	2			2	B. Making and receiving payments
6 (a)	1			1	F. Calculating the break-even point
6 (b)	2			2	F. Calculating the break-even point
6 (c)	2			2	E. Budgets
6 (d)			1	1	E. Budgets
7 (a)	5			5	F. Calculating the break-even point
7 (b)	1	2	2	5	F. Calculating the break-even point
8 (a)	10			10	D. Cash-flow forecasts
8 (b)		2	2	4	K. Financial planning
8 (c)	1			1	A. Financial documents
8 (d)			2	2	A. Financial documents
9	8			8	G. Calculating profit or loss
10 (a)	6			6	C. Costs of a new product or service
10 (b)	3	3	6	12	J. Sources of business finance
Total	62	13	15	90	

Reference	Mark range	Paper 0606
A. Financial documentsB. Making & receiving payments	19 – 27	21
C. Costs of a new product or service	1 – 9	6
D. Cash-flow forecasts E. Budgets	10 – 18	13
F. Calculating the break-even point	10 – 18	13
G. Calculating profit or loss H. Understanding a balance sheet	10 – 18	18
I. Importance of business accounts	1 – 9	3
J. Sources of business finance K. Financial planning	10 – 18	16