Centre No.			Paper Reference			Surname	Initial(s)				
Candidate No.			5	3	0	8	/	0	1	Signature	

## 5308/01

# **Edexcel GCSE**

# **Applied Business**

## (Double Award)

Unit 3: Business Finance

Wednesday 17 January 2007 - Morning

Time: 1 hour 30 minutes

Materials require	ed for examination
Calculator	

Items included with question papers

Instructions to Candidates	
instructions to I analaata	c

In the boxes above, write your centre number, candidate number, your surname, initial(s) and signature. Check that you have the correct question paper.

Answer ALL the questions. Write your answers in the spaces provided in this question paper. Show all the steps in any calculations and state the units.

#### **Information for Candidates**

The marks for individual questions and the parts of questions are shown in round brackets: e.g. (2). There are 10 questions in this question paper. The total mark for this paper is 90. There are 20 pages in this question paper. Any blank pages are indicated. You may use a calculator.

#### **Advice to Candidates**

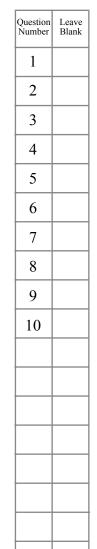
You will be assessed on your ability to organise and present information, ideas, descriptions and arguments clearly and logically, including your use of grammar, punctuation and spelling.

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Examiner's use only

Team Leader's use only

Turn over



#### **Scenario**

The questions in this paper are based on the following scenario.

You should read this scenario carefully before you start to answer the questions.





*Viola Hotels Ltd* owns three hotels. These hotels are popular with tourists, and with business people. People who use the hotels are called **guests.** 

Each hotel is named after the city where it is located:

- Bristol Viola hotel
- Cardiff Viola hotel
- Newport Viola hotel.

Luke Hamilton is the Managing Director for the three hotels. Luke has noticed that many hotels have their own leisure centre for use by guests, and by local people who join a membership scheme. Luke has decided to build a new leisure centre at the *Cardiff Viola* hotel.

Dav Reynolds works in the Finance Department of *Viola Hotels Ltd*. Dav is your friend and often asks you for advice.

delect from above the most appropriate payment method for (a) to (d). A payment nethod may be used more than once.  a) Payment of Business Rates for <i>Bristol Viola</i> hotel. This payment is for a year's business rates but is paid in monthly instalments. It must be paid every month or the hotel will have to pay extra.  (1)  b) Fran, an employee at <i>Cardiff Viola</i> hotel, has to go to the local Post Office to buy two first-class stamps.  (1)  c) Newport Viola hotel has bought new sheets for guest bedrooms. The supplier expects to receive payment through the post.  (1)  d) Flowers for a wedding to be held at Newport Viola have been ordered over the telephone. When ordering, a £100 deposit had to be paid immediately.  (1)  (Total 4 marks)		Cash	Cheque	Debit Card	Direct Debit
business rates but is paid in monthly instalments. It must be paid every month or the hotel will have to pay extra.  (1)  b) Fran, an employee at <i>Cardiff Viola</i> hotel, has to go to the local Post Office to buy two first-class stamps.  (1)  c) <i>Newport Viola</i> hotel has bought new sheets for guest bedrooms. The supplier expects to receive payment through the post.  (1)  d) Flowers for a wedding to be held at <i>Newport Viola</i> have been ordered over the telephone. When ordering, a £100 deposit had to be paid immediately.				te payment method for	(a) to (d). A payment
b) Fran, an employee at <i>Cardiff Viola</i> hotel, has to go to the local Post Office to buy two first-class stamps.  (1)  (1)  (1)  (1)  (1)  (1)  (1)  (1	a)	business rates bu	it is paid in monthly		
first-class stamps.  (1)  (1)  (2) Newport Viola hotel has bought new sheets for guest bedrooms. The supplier expects to receive payment through the post.  (1)  (1)  (1)  (1)  (1)  (1)					(1)
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telephone. When ordering, a £100 deposit had to be paid immediately.  (1)					(1)
(Total 4 marks)	d)		_	-	
	d)		_	-	mediately.
	d)		_	-	mediately. (1)
	d)		_	-	mediately. (1)
	d)		_	-	mediately. (1)
	d)		_	-	mediately. (1)

2.	fror	la Hotels Ltd has a new computerised accounting system. The new system is different in the old manual system. Viola Hotels Ltd has paid for the costs of buying and alling the new system.	Leave blank
	(a)	Name <b>one other</b> cost that <i>Viola Hotels Ltd</i> is likely to pay, now that it has this new computerised accounting system.	
		(1)	
	(b)	What are <b>two</b> advantages to <i>Viola Hotels Ltd</i> of having a computerised accounting system rather than a manual one?	
		Advantage 1	
		Advantage 2	
		(4)	Q2
		(Total 5 marks)	

**3.** The three *Viola* hotels issue and receive business documents. A Credit Note received by *Newport Viola* from a supplier, *Hulbert Ltd*, is shown below.

Hulbert Ltd Bentley Road Walsall West Midlands WS6 4GA

> To: Stores Manager Newport Viola Hotel Corporation Street

Newport NP1 7GH

# **Credit Note**

Number	12775
Date	29.12.2006
Your Reference	PO 9087
Our Invoice	SI 06-7781

Quantity	Description	Unit Price (£)	Total Price (£)
2	Crockery sets	11.20	22.40
1	Crockery stand	5.60	5.60

Reason for credit:	GOODS TOTAL	28.00
Damaged in transit	VAT at 17.5%	0.49
	TOTAL	28.49

(a) Wl	hat is the purpose of <b>this</b> Credit Note?	
••••		(1)
The Cr	edit Note contains a calculation error.	
(b) (i)	What calculation error has been made?	
		(1)
		` '

£	
	(1)
Space for your working	
711) TO 1 00 1 37	
(iii) If staff at <i>Newport Viola</i> do <b>not</b> spot this error, what will be the eff <i>Viola</i> ?	ect on Newport
ony Luca, a businessman employed by <i>Roy Coster Ltd</i> , recently stayed a	(1)
Viola?	(1)  at <i>Cardiff Viola</i> .

Leave blank **INVOICE** Viola Hotels Ltd: Cardiff Viola **Centenary Square Date:** \_\_\_ Cardiff CF2 4DL **Invoice** Tel: 029 20 365365 Number: \_\_\_\_ **VAT Reg No. 112 4882 65 Invoice to:** Name of Guest: \_\_\_\_\_ Date of stay: <u>18 - 21 December 2006</u> Total (£) **Number of nights** Rate per night (£) **Total accommodation cost** Meals **Drinks** Other items **Sub Total VAT at 17.5%** TOTAL TO PAY Q3 (Total 11 marks)

M 2 4 9 8 8 A 0 7 2 0

7

- **4.** Part of Dav's job is to prepare the Cash Flow Forecast for each *Viola* hotel. Dav has already entered some information in the latest Cash Flow Forecast for *Bristol Viola*. The additional information needed to complete this Forecast is as follows.
  - Payments for staff salaries are expected to total £160 000 each month.
  - Maintaining the buildings and equipment is planned to cost £35 000 each month.
  - Light, heat and power for the hotel is expected to cost £40 000 in March and April. This figure is expected to fall by £5 000 in May.
  - Receipts from the bar and restaurant, and the cost of this food and drink, are expected to be:

	Money in	Money out
March	£60 000	£42 000
April	£64 000	£44 000
May	£68 000	£46 000

- Other receipts are expected to be £5 000 in each month, and other payments are expected to be £47 500 in each month.
- In April, Bristol Viola will pay £40 000 for new kitchen equipment.

Complete the Cash Flow Forecast on page 9 for *Bristol Viola* for the three months March to May 2007.

### Cash Flow Forecast for Bristol Viola, March-May 2007.

2007	March (£)	April (£)	May (£)
Inflow (Receipts)			
Receipts from rooms	255 000	285 000	295 000
Total Receipts			
Outflow (Payments)			
Total Payments			
Net Inflow / Outflow			
Opening Balance	4 800		
Closing Balance			

Q4

(Total 11 marks)

**5.** Every week Dav in the Finance Department receives an email from the Manager of each *Viola* hotel. These emails contain information about the hotel's sales and costs. Dav uses this information to calculate the weekly profit or loss made by each hotel.

Dav has received the following email from the Manager of the *Newport Viola* Hotel for the week commencing 1 January 2007.

Dav, here are our figures for week beginning 1 Jan. Best wishes, Gabe. Income received from: single rooms £14 250 double rooms £65 500 £12 600 Bar sales: £13 800 Restaurant sales: Maintenance costs: £8 000 Staff salary costs: £32 750 Cost of food and drink: £13 500 Light and heat costs: £11 330 Other costs: £2 770

(a) Use this information to complete the Profit and Loss summary for Newport Viola.

Profit and Loss summary for Newport Viola for 1-7 January 2007

	£	£
Sales		
Cost of sales (food and drink)		13 500
Gross Profit		
Expenses:		
Total Expenses:		

**(8)** 

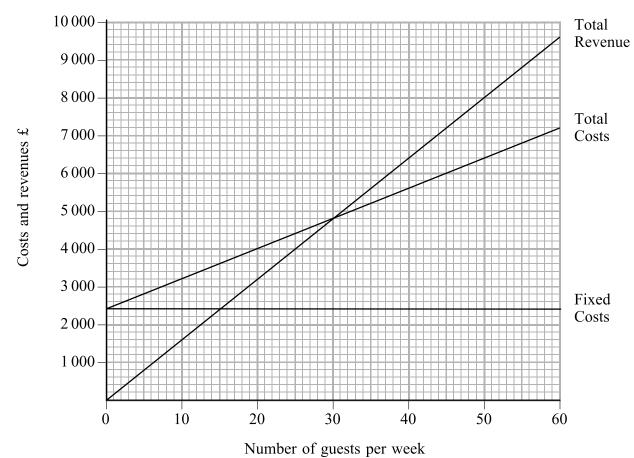
blank Dav has now received a second email, shown below, from the Manager of the Newport Viola. Sorry Dav, I've just noticed that I keyed in the WRONG amount for the staff salaries. They should be £32 570 and not £32 750. Please alter your figures. Sorry again. Gabe. Dav has now made this change to the Profit and Loss summary. Note: do NOT change figures in your Profit and Loss summary. (b) State whether Dav's Profit and Loss summary will now show a higher or lower profit figure, and by how much. **(1)** Dav uses a computer spreadsheet to construct the Profit and Loss summaries for the three hotels. (c) What is the advantage to Dav of using a spreadsheet now that a change has to be made to the information from Newport Viola? **Q5 (2)** (Total 11 marks)

Leave

The	Bal	ance Sheet for Viola Hotels Ltd includes the following items:	
	A B C D E F	furniture in the reception areas stock of food and drinks debts owed by <i>Viola Hotels Ltd</i> to the suppliers of food and drinks kitchen ovens and microwaves guests' cash deposited in the hotel safes shares issued to shareholders computers used by hotel staff.	
(a)		t the items in A–G above as either <b>current assets</b> , <b>fixed assets</b> or <b>liabilities</b> in the rect column below. The first one has been done for you.	ne
		A Fixed asset	
		В	
		C	
		D	
		E	
		<b>F</b>	
		G	6)
(b)	(i)	Using only the information in A-G at the top of this page, name one start-ucost and one running cost.	
		Start-up cost	
		Running cost (	2)
	(ii)	For each cost named, state why it is either a start-up or a running cost.	
		Start-up cost	
		Running cost	
		(1)	 2)
		(Total 10 marks	(2

7. Day has drawn up the following Break-even chart for *Cardiff Viola*. It is based on the average revenue in one week from each guest.

Break-even chart for Cardiff Viola



- (a) (i) How many guests a week does *Cardiff Viola* need in order to break even?

  (1)

  - (iii) State the amount of profit or loss if *Cardiff Viola* has 40 guests in a week. (State clearly if it is a profit or a loss.)

£	
	(1

(iv) What is the average revenue from each guest at Cardiff Viola?

		(1
		(I

	tate, with a reason, whether the cost of cleaning materials is a <b>fixed</b> cost or a <b>varia</b>	ble
c	ost.	
•		(2)
Day l	has been told that cleaners at <i>Cardiff Viola</i> will shortly receive a pay rise.	
(c) I	Discuss how this pay rise will change the break-even chart's:	
	Total Revenue line	
	<ul><li>Total Costs line</li><li>Break-even point.</li></ul>	
_		
1	Total Revenue line	
•		(2)
T	Cotal Costs line	
		····· (2)
		(2)
Е	Break-even point	
	1	
•		••••

Duestio	ons 8, 9 and 10 are based on the planned new leisure centre to be built at the	
	Viola hotel.	
me	e new leisure centre at <i>Cardiff Viola</i> will advertise for local members to join. These mbers will have to pay a membership fee. Deano wants to join the new leisure centre. will pay the monthly fee by direct debit.	
(a)	Describe briefly how Deano will set up the direct debit.	
deb	e monthly membership fee can be paid either by debit card, credit card or direct bit. Cardiff Viola has a policy of <b>not</b> accepting cash as a method of payment for the mbership fee	
deł me	e monthly membership fee can be paid either by debit card, credit card or direct	
deł me	e monthly membership fee can be paid either by debit card, credit card or direct bit. <i>Cardiff Viola</i> has a policy of <b>not</b> accepting cash as a method of payment for the mbership fee.  Discuss <b>one</b> advantage and <b>one</b> disadvantage to <i>Cardiff Viola</i> from having this policy	
deł me	e monthly membership fee can be paid either by debit card, credit card or direct bit. <i>Cardiff Viola</i> has a policy of <b>not</b> accepting cash as a method of payment for the mbership fee.  Discuss <b>one</b> advantage and <b>one</b> disadvantage to <i>Cardiff Viola</i> from having this policy of not accepting cash.	
deł me	e monthly membership fee can be paid either by debit card, credit card or direct bit. <i>Cardiff Viola</i> has a policy of <b>not</b> accepting cash as a method of payment for the mbership fee.  Discuss <b>one</b> advantage and <b>one</b> disadvantage to <i>Cardiff Viola</i> from having this policy of not accepting cash.	
deł me	e monthly membership fee can be paid either by debit card, credit card or direct bit. Cardiff Viola has a policy of not accepting cash as a method of payment for the mbership fee.  Discuss one advantage and one disadvantage to Cardiff Viola from having this policy of not accepting cash.  Advantage	
deł me	e monthly membership fee can be paid either by debit card, credit card or direct bit. Cardiff Viola has a policy of not accepting cash as a method of payment for the mbership fee.  Discuss one advantage and one disadvantage to Cardiff Viola from having this policy of not accepting cash.  Advantage	Q

**9.** Luke Hamilton, the Managing Director of *Viola Hotels Ltd*, has set budgets for the new leisure centre. A summary of the Sales Budget for local members (local people who will join and pay a membership fee) is shown below.

### Sales Budget for Cardiff Viola Leisure Centre, for the first three months

Month	Number of Members
April 2007	20
May 2007	30
June 2007	40

Luke plans to set a membership fee of £25 a month.

(i)	How much revenue does Luke expect the new leisure centre to earn during first three months?	; its
	£	(1)
(ii)	How can Luke use this Sales Budget to check the performance of the new leist centre in its first three months?	sure
		(2)
(i)	Name <b>one other</b> budget that Luke will set for the new leisure centre.	
		(1)
(ii)	Why is the budget you have named above a suitable one for <b>this</b> situation?	
		••••
		(2)

(a)

(b)

	Why will the following be interested in the Cash Flow Forecast for the leisure entre?
(	i) Batigol and Co Ltd, a business that hopes to supply, on credit, the exercise machines and other equipment that will be used in the leisure centre.
	(3)
	(3)
	(Total 12 marks)

Leave	
blank	

10.	Luke knows that he will need to raise finance for the new leisure centre. Most of the finance will be needed to obtain a wide range of exercise and other sports and leisure equipment for the centre. This equipment includes:	0.00.00
	<ul> <li>rowing exercise machines</li> <li>treadmills</li> <li>exercise bikes</li> <li>televisions</li> <li>a sound system.</li> </ul>	
	Luke is looking at two options for raising the finance for this equipment.	
	Option 1 Viola Hotels Ltd uses profits from sales to buy all the equipment.	
	Option 2 All this equipment can either be hired or leased from <i>Donna Dell Ltd</i> .	
	Choose <b>one</b> of these options for the new leisure centre. Justify why <i>Viola Hotels Ltd</i> should choose this option.	
	Option chosen (tick ONE box ONLY): Profits	
	Hire or lease from Donna Dell Ltd	

	Leave blank
	Q10
(Tota	ıl 8 marks)
TOTAL FOR PAPER: 9	00 MARKS
TOTAL FOR PAPER: 9	00 MARKS
TOTAL FOR PAPER: 9 END	00 MARKS
	00 MARKS

