BAFS 2013

Marking Schemes

This document was prepared for markers' reference. It should not be regarded as a set of model answers. Candidates and teachers who were not involved in the marking process are advised to interpret its content with care.

PAPER 1 Compulsory Part

SECTION A

Question No.	Key	Question No.	Key	
1.	A (89%)	16.	C (85%)	
2.	D (49%)	17.	B (72%)	
3.	C (56%)	18.	B (49%)	
4.	A (63%)	19.	C (69%)	
5.	B (77%)	20.	D (80%)	
6.	B (82%)	21.	C (57%)	
7.	B (59%)	22.	A (49%)	
8.	A (81%)	23.	A (72%)	
9.	D (29%)	24.	B (42%)	
10.	A (18%)	25.	B (72%)	
11.	B (37%)	26.	D (47%)	
12.	D (67%)	27.	A (60%)	
13.	A (92%)	28.	C (58%)	
14.	A (39%)	29.	D (65%)	
15.	C (63%)	30.	B (89%)	

Note: Figures in brackets indicate the percentages of candidates choosing the correct answers.

SECTION B

General Principles of Marking

- 1. The answers given in this marking scheme are 'suggestions' only. Other relevant answers will also be accepted.
- 2. Where the number of points required is specified in a question, markers will mark the first listed points up to the number required, and cross out other points as 'excess'.
- 3. The general guidelines for points which are awarded 0 to 2 marks each are as follows:

0 mark	:	irrelevant or ambiguous answers
l mark	:	mention of key concept or words
2 marks	:	explanation of the concept stated

QUI	ESTION 1	Marks
(a)	 Benefits: defer payment: e.g. can purchase goods or services without paying cash instantly safety: e.g. do not need to carry large amounts of cash convenience: e.g. worldwide acceptance privileges: e.g. can enjoy discounts or special gifts (2 marks for each relevant benefit, max. 4 marks) 	4
(b)	 Reasons: higher chance of collecting debt on time lower default risk (2 marks for each relevant reason, max. 2 marks) 	2 Total: 6 marks
OUE	STION 2	
Extern 	hal factors: technological, e.g. reliability of telecommunication system social, e.g. language used by operators economic, e.g. wages level, cross-border telephone charge legal, e.g. labour law, licensing regulations physical, e.g. geographical dispersion political, e.g. political stability iks for each relevant factor, max. 6 marks)	6
		Total: 6 marks
QUES	TION 3	
(a)	 business entity concept it assumes a business is separated from its owner private transactions of the owner should not be recorded in the books of the business the bookkeeper should record it as drawings in the books (1 mark for each relevant point, max. 3 marks) 	s 3
(b)	 historical cost principle assets should be recorded at their cost of acquisition or production subsequent changes in their market values are to be ignored the bookkeeper should record \$12 000 as the cost of the notebook computer in the bo (1 mark for each relevant point, max. 3 marks) 	poks
		Total: 6 marks
QUEST	FION 4	
– har – tak – fac	re personnel data ndle payroll e attendance ilitate staff placement	3
(1 mark	for each relevant way, max. 3 marks)	Fotal: 3 marks

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QUESTION 5

					Cash t	oook					
	Date	Particulars	Discount	Cash	Bank	Date	Particulars	Discount	Cash	Bank	
	2013		\$	\$	\$	2013		\$	\$	\$	
1/2	Jan 1	Balance b/f		12 680		Jan 1	Balance b/f			30 980	1/2
1	2	Lung	3 750		146 250	5	Motor van			40 000	1/2
1/2	7	Commissions			190.000	17	Drawings		3 200		1/2
		received				19	Motor van			160 000	1/2
1/2	14	Sales			8 790	24	Kam Kee	1 050		33 950	1
1/2	28	Bank		9 000		28	Cash			9 000	1/2
						30	Wages		10 000	20 000	1
						31	Petty cash		1 795		1/2
						31	Balance c/f		6 685	51 110	
			3 750	21 680	345 040		_	1 050	21 680	345 040	

Total: 8 marks

QUESTION 6

1

 Ways: facilitate automation: e.g. use of specialised equipment facilitate supervision: e.g. each worker only concentrates on a specialised task practice makes perfect: e.g. work faster and make fewer mistakes save time: e.g. change from one position to another (2 marks for each relevant way, max. 6 marks) 				
QUESTION 7				
(a) Management by objectives .	1			
 (b) Advantages: subordinates are more committed to objectives subordinates have a better understanding of the objectives improved communication between manager and subordinates better motivation to subordinates better control on subordinates' progress (2 marks for each relevant advantage, max. 4 marks) 	4 Total: <u>5 marks</u>			

Total: 5 marks

END OF PAPER 1

Provided by dse.life

Marks

PAPER 2A Accounting Module

General Principles of Marking

- 1. The answers given in this marking scheme are 'suggestions' only. Other relevant answers will also be accepted.
- 2. Where the number of points required is specified in a question, markers will mark the first listed points up to the number required, and cross out other points as 'excess'.
- 3. The general guidelines for points which are awarded 0 to 2 marks each are as follows:

0 mark	5	irrelevant or ambiguous answers
1 mark	1	mention of key concept or words
2 marks	:	explanation of the concept stated

SECTION A

QUESTION 1 Marks Accounting principle/concept violated: (a) 1 money measurement concept _ **Explanations:** 2 only transactions capable of being expressed in monetary terms are included in the accounting records of an entity good reputation cannot be quantified in terms of money and should not be reflected in the ---financial statements goodwill would be recorded only when it is purchased from an existing business. (1 mark for each relevant explanation, max. 2 marks) Dr Cr \$ \$ Sundry revenue 300 000 1/2 Goodwill 300 000 1/2 (4)(b) Cash at bank

1/2 1 1/2 1/2 1/2 1/2	2013 March Balance b/d (i) Trade payable (ii) Trade receivables (iii) Trade receivables (iv) Dividend income (iv)	\$ 2013 March \$ 62 300 Trade payables (iii) 82 750 7 800 Trade receivables (iii) 32 110 287 000 Accrued management fee (v) 8 800 125 000 Rental fee (vi) 165 500 2 840 Balance c/d 195 780	$\frac{1}{2}$ $\frac{1}{1}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$
72	(1v)	2 840 Balance c/d 195 780 484 940 484 940	1/2 1/2 (6)

Total: 10 marks

QUESTION 2

(a)		Equipment		
	2012	\$ 2012	\$	
1/2	Balance b/d	675 000 Disposal of equipment	270 000	1/2
$1\frac{1}{2}$	1 1 minute	292 500 Balance c/d	697 500	1/2
	(\$280 000 + \$12 500)			
		967 500	967 500	
				(3
				(5
(b)	Accumula	nted depreciation – Equipment		
		\$ 2012	\$	
1	Disposal of equipment 54	000 Balance b/d (\$675 000 × 20%)	135 000	1
	$($270\ 000 \times 0.2)$	Depreciation expenses	123 300	2
	Balance c/d 204	300 [(\$675 000-\$270 000) +\$292 500 - \$81 000] × 20%		_
		300	258 300	
				(1
				(4
c)	Accounting principle/concept violated:			
	 consistency concept 			1
	5			1
	Explanations:			2
	- same accounting policy should be ap	nlied on like items across years		2
	 a change in depreciation method i presentation of the firm's financial p 	s allowed when it will result in a more true an	d fair	
	 to stabilise operating results over depreciation method 	year is not a justifiable reason for the chan	ge in	
	(1 mark for each relevant explanation, may	k. 2 marks)		(3)
	and the second			(5)
			Total: 10 r	nark
				mark
UES	STION 3			
`				
)	Production overheads	\$780 000		
	Direct labour hours	/ 60 000		
		\$13		2
	Decide terms in a diversity of the state			
	Predetermined production overhead rate =	\$13 per direct labour hour		(2)
)	As the production of john in the			
)	resources consumed by each ish is the t	y is labour-intensive, the best measure of overh	ead	2
	resources consumed by each job is direct la	idour nours		
				(2)
	T	h		
	J0	b cost card		
		\$	\$	

too toot tuitu		
	\$	\$
Direct materials ($$250 \times 100$)		25 000
Direct labour		
Electricians (60×200)	12 000	
Apprentices (35×300)	10 500	22 500
Prime cost		47 500
Production overheads ($$13 \times 500$)		6 500
Production cost		54 000
Administrative overheads ($$54\ 000 \times 0.25$)		13 500
Total cost		67 500
Profit		67 500
Selling price		135 000

Total: 10 marks

Marks

SECTION B

QUESTION 4

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$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$				Canital	accounts			
S S		Carrie	Daisy			Carrie	Daisy	Filon
Goodwill 175 000 175 000 Balance b/d 700 000 650 000 Current 72 000 Gain on 556 800 371 200 Balance c/d 230 000 Gain on 556 800 371 200 Carrie Goodwill 210 000 140 000 Balance c/d 986 200 675 000 1466 800 1161 200 850 000		\$	· · · · · · · · · · · · · · · · · · ·					
Current 72 000 Cash 850 000 Bank 230 000 Gain on 556 800 $371 200$ Carrie revaluation (W1) Godwill 210 000 140 000 Balance c/d 986 200 675 000 1466 800 1161 200 850 000 Daisy and Ellen S S Non-current assets Property 2 320 000 2 320 000 Equipment 2 320 000 2 800 000 Current assets 550 000 2 800 000 Trade receivables 550 000 22 000 Cash at bank (\$100 000 + \$850 000 - \$230 000) 720 000 1248 000 Financed by: 210 000 1248 000 4048 000 Current account - Daisy 986 200 247 000 1908 200 Current liabilities 1164 800 1908 200 1908 200 1908 200 Loan from Carrie 1 164 800 700 000 1 864 800 275 000	Goodw	ill	175 000		Balance b/d			Ψ
Bank 230 000 Gain on 556 800 371 200 Loan from 1 164 800 revaluation (W1) Goodwill 210 000 140 000 Balance c/d 986 200 675 000 1 466 800 1 161 200 850 000 Daisy and Ellen Statement of financial position as at 1 January 2012 Non-current assets Property 2 320 000 Equipment 2 320 000 Current assets 550 000 Trade receivables 550 000 Less: Allowance for doubtful debts 22 000 Carrent account - Daisy 986 200 - Ellen 675 000 Current account - Daisy 1661 200 247 000 1908 200 Current liabilities 247 000 Loan from Carrie 1 164 800 Bank loan 700 000 1 864 800					Cash			850 000
Carrie Finance (M f) 210 000 140 000 Balance c/d $986 200$ $675 000$ $1466 800$ $1161 200$ $850 000$ Daisy and Ellen Statement of financial position as at 1 January 2012 Non-current assets Property Equipment Current assets \$ \$ Trade receivables 550 000 22000 Less: Allowance for doubtful debts 22000 Sate assets $528 000$ Carrent accounts - Daisy $986 200$ - Ellen $675 000$ Current account - Daisy $247 000$ Loan from Carrie 1 164 800 Bank loan $700 000$ 1 864 800 Current liabilities $275 000$					Gain on	556 800	371 200	000 000
Balance c/d $986 200$ $675 000$ $110 000$ $140 000$ Daisy and Ellen Statement of financial position as at 1 January 2012 Non-current assets Property 2 320 000 Equipment $480 000$ Current assets $2 320 000$ Trade receivables $550 000$ Less: Allowance for doubtful debts $22 000$ Statement of $550 000$ $1248 000$ Cash at bank (\$100 000 + \$\$50 000 - \$230 000) $720 000$ $1248 000$ Financed by: Capital accounts - Daisy $986 200$ $247 000$ Current account - Daisy $247 000$ $1908 200$ $1661 200$ Loan from Carrie $1164 800$ $1908 200$ $1864 800$ Bank loan _700 000 $1864 800$	Domin II	om 1164800				l)		
I 466 800 I 161 200 850 000 I 466 800 I 161 200 850 000 Daisy and Ellen Statement of financial position as at 1 January 2012 Non-current assets Property Equipment \$ \$ \$ Current assets Trade receivables \$50 000 2 320 000 Less: Allowance for doubtful debts \$22 000 \$ \$ Cash at bank (\$100 000 + \$850 000 - \$230 000) 720 000 1 248 000 \$ Financed by: Capital accounts - Daisy - Ellen \$ \$ \$ \$ Current account - Daisy Loan from Carrie Bank loan 1 164 800 1 864 800 \$ \$ Current liabilities Trade payables 1 164 800 247 000 \$ \$ \$					Goodwill	210 000	140 000	
Daisy and Ellen \$ \$ Statement of financial position as at 1 January 2012 \$	Balance			675 000				
Daisy and Ellen Statement of financial position as at 1 January 2012Non-current assets\$Property2 320 000Equipment480 000Current assets2 800 000Trade receivables550 000Less: Allowance for doubtful debts22 000Sast at bank (\$100 000 + \$850 000 - \$230 000)720 000Financed by:4048 000Capital accounts - Daisy986 200- Ellen675 000Current account - Daisy1 661 200Long-term liabilities1 164 800Bank loan700 000Current liabilities275 000		1 466 800	1 161 200	850 000		1 466 800	1 161 200	850 000
Statement of financial position as at 1 January 2012 Non-current assets \$ Property 2 320 000 Equipment 2 320 000 Current assets 2 800 000 Trade receivables 550 000 Less: Allowance for doubtful debts 22 000 Cash at bank (\$100 000 + \$850 000 - \$230 000) 720 000 Financed by: 24000 Capital accounts - Daisy 986 200 - Ellen 675 000 Current labilities 1 164 800 Long-term liabilities 1 164 800 Bank loan 700 000 1 864 800 Current liabilities 275 000								
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Non-current assets 2 320 000 Equipment			Statement of	financial po	sition as at 1 Jar	uary 2012		
Property 2 320 000 Equipment 2 800 000 Current assets 2 800 000 Trade receivables 550 000 Less: Allowance for doubtful debts 22 000 Cash at bank (\$100 000 + \$850 000 - \$230 000) 720 000 Trade receivables 2800 000 Cash at bank (\$100 000 + \$850 000 - \$230 000) 720 000 Financed by: 4048 000 Capital accounts - Daisy 986 200 - Ellen 675 000 Current account - Daisy 1 661 200 Long-term liabilities 247 000 Loan from Carrie 1 164 800 Bank loan 700 000 1 864 800 Current liabilities 275 000	N						\$	\$
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Trade receivables $550\ 000$ Less: Allowance for doubtful debts $22\ 000$ Cash at bank (\$100\ 000 + \$850\ 000 - \$230\ 000) $720\ 000$ Financed by: $720\ 000$ Capital accounts - Daisy $986\ 200$ - Ellen $675\ 000$ Current account - Daisy $1\ 661\ 200$ Long-term liabilities $1\ 164\ 800$ Loan from Carrie $1\ 164\ 800$ Bank loan $700\ 000$ $1\ 864\ 800$ Current liabilities $275\ 000$	Curren	nt assets						2 800 000
Less: Allowance for doubtful debts $22\ 000$ Cash at bank (\$100\ 000 + \$850\ 000 - \$230\ 000) $720\ 000$ Financed by: $720\ 000$ Capital accounts - Daisy $986\ 200$ - Ellen $675\ 000$ Current account - Daisy $1\ 661\ 200$ Long-term liabilities $1\ 164\ 800$ Loan from Carrie $1\ 164\ 800$ Bank loan $700\ 000$ $1\ 864\ 800$ Current liabilities $275\ 000$						550	000	
Cash at bank ($\$100\ 000 + \$850\ 000 - \$230\ 000$) $528\ 000$ $720\ 000$ $1.248\ 000$ $4\ 048\ 000$ $4\ 048\ 000$ $675\ 000$ $1\ 661\ 200$ $247\ 000$ $1\ 661\ 200$ $247\ 000$ $1\ 908\ 200$ $1\ 164\ 800$ $1\ 908\ 200$ $1\ 164\ 800$ $1\ 164\ 800$ $700\ 000$ $1\ 864\ 800$ $275\ 000$	Less: A	Allowance for doub	tful debts					
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Financed by: 986 200 Capital accounts - Daisy 986 200 - Ellen 675 000 Current account - Daisy 1 661 200 Long-term liabilities 247 000 Loan from Carrie 1 164 800 Bank loan 700 000 1 864 800 Current liabilities 275 000				0. 0-19700 F				
- Ellen								
- Ellen 675 000 Current account - Daisy 1 661 200 Long-term liabilities 1 908 200 Loan from Carrie 1 164 800 Bank loan 700 000 1 864 800 Current liabilities 275 000	Capital					986	200	-
Current account - Daisy 1 661 200 Long-term liabilities 247 000 Loan from Carrie 1 164 800 Bank loan 700 000 1 864 800 Current liabilities 275 000		- Ellen						
Long-term liabilities 1 908 200 Loan from Carrie 1 164 800 Bank loan 700 000 1 864 800 Current liabilities 275 000	0	_						1 661 200
Long-term liabilitiesLoan from Carrie1 164 800Bank loan700 0001 864 800Current liabilities275 000Trade payables275 000	Current	account - Daisy						247 000
Loan from Carrie 1 164 800 Bank loan 700 000 1 864 800 Current liabilities 275 000 Trade payables 275 000	Longto]	908 200
Bank loan 1104 800 Current liabilities 700 000 1 864 800 Trade payables 275 000								
Current liabilities Trade payables 275 000 275 000							3.5	
Trade payables275 000	Dunk 10	****				700 (000	864 800
Trade payables 275 000	Curren	t liabilities						
275 000								275 000

(6)

		Curre	ent accounts			
	Daisy	Ellen		Daisy	Ellen	
	\$	\$		\$	\$	
² Balance c/d	433 224	113 776	Balance b/d	247 000		
1			Salary to Daisy	60 000	100.000 (
			Interest on capital	39 448	27 000	
			Share of profit (1:1) (W2)	86 776	86 776	
	433 224	113 776		433 224	113 776	

QUESTION 4 (Cont'd.)

- (d) Reasons:
 - a partner is entitled to get a fair share of the net assets of the company upon his/her retirement
 - fair values of the assets would be reflected through the asset revaluation process
 - holding gains or losses would be recognised through the asset revaluation process
 - the respective share of the gains and losses would be credited and debited to the capital account of the retiring partner and therefore the amount due to/from the partner can be ascertained

(2 marks for each relevant reason, max. 2 marks)

(2)

Total: 18 marks

Workings:

(W1)		\$
	Gain on revaluation of property (\$2 320 000 - \$1 250 000)	1 070 000
	- Loss on revaluation of equipment ($600\ 000 \times 20\%$)	(120 000)
	 Additional allowance for doubtful debts (\$550 000 × 4%) 	(22 000)
		928 000
(W2)		\$
. ,	Profit before appropriations	300 000
	Salary to Daisy	(60 000)
	Interest on capital ($$986\ 200 \times 4\% + $675\ 000 \times 4\%$)	(66 448)
	Profit to be shared	173 552

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Marks

	Mr Luk			
Income stat	ement for the year ended 31 D	ecember 2012		
	ement for the year ended 51 D	s	<u>.</u>	
Sales (\$953 800 × 140%)		φ	\$	
Less: Cost of goods sold			1 335 320	
Opening inventory		123 000		
Purchases (W1)		941 700		
		1 064 700		
Less: Closing inventory	t de la constante de	110 900		
			953 800	
Gross Profit (40% on cost)			381 520	
Less: <u>Expenses</u>			381 320	
Administrative expenses (\$226 000 + \$1150)	227 150		
Selling expenses (\$64 300	+ \$44 000 + \$20 000)	128 300		
Bank charges		20 050		
Cash loss (\$99 220 (W2)/2	2)	49 610		
Depreciation		37 500	462 610	
Net loss			(81 090)	
			(01 0)0)	
	Mr Luk			
Statement o	f financial position as at 31 De	cember 2012		
Non-current assets		\$	\$	
Office equipment, at cost				
Less: Accumulated depreciation			187 500	
			75 000	
Current assets	-		112 500	
Inventory		110.000		
Insurance claim receivable		110 900		
Cash at bank (\$392 100 + \$1 203	000 = \$1.419.100	49 610		
(45)2 100 (41205	500 \$1419100j	176 000	336 510	
			449 010	
Financed by				
Capital				
Balance as at 1 January 2012				
Less: Net loss			547 000	
			(81 090)	
Less: Drawings			465 910	
5			120 850	
Current liabilities			345 060	
Trade payables		102 800		
Accrued administrative expenses		102 800	102.050	
		1 150	103 950	
			449 010	
3				
			Total. 1	7
			Total: 1	7 1

QUESTION 5 (Cont'd.)

Workings:

	\$	\$
Bank	987 900 Balance	o/d 149 000
Balance c/d	102 800 Purchase	s (balancing figure) 941 700
	1 090 700	1 090 700

(W2)

W2)	Ca	ish	
	\$		\$
Balance b/d	10 900	Cash deposited	1 203 000
Sales	1 335 320	Selling expenses	44 000
		Cash stolen (balancing figure)	99 220
	1 346 220		1 346 220

QUESTION 6

(a)	(i)	Contribution margin ratio = \$624 000/\$960 000 ×100% = <u>65%</u>	2
	(ii)	Breakeven sales = $(\$190\ 000 + \$57\ 000)/0.65 = \underline{\$380\ 000}$	2
	(iii)	Margin of safety = (\$960 000 - \$380 000)/\$960 000 × 100% = $\underline{60.42\%}$	2 (6)
(b)	(i)	Additional variable expense = $\$960\ 000 \times 0.05 = \$48\ 000$ New contribution margin = $\$624\ 000 - \$48\ 000 = \$576\ 000$ New contribution margin ratio = $\$576\ 000\ /\ \$960\ 000 \times 100\% = \underline{60\%}$	2
		or $65\% - 5\% = 60\%$	
	(ii)	New breakeven sales = \$411 667 The amount of breakeven sales is increased by \$31 667.	2
	(iii)	Projected contribution margin [(\$960 000 + \$100 000) \times 0.6]\$Budgeted contribution margin $\underline{624 000}$ Increase in contribution margin / profit $\underline{12.000}$	2
	*	Yes, it is because the contribution margin / profit will be increased by \$12 000.	1 (7)
(c)	Reaso	sales are moving closer to the breakeven point	2
	(1 ma	profit is going down and the possibility of making a loss is greater irk for each relevant reason, max.2 marks)	(2)
			Total: 15 marks

SECTION C

QUESTION 7

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(a)		2011	2012	
s /	(i)	Current ratio		
		\$79 680 + \$37 500 + \$32 020 + \$200 \$43 300 + \$23 100	\$162 936 + (\$85 864 + \$14 000) + \$500 \$100 200 + \$60 000 + \$15 000	25
		= 2.25 : 1	= 1.50 : 1	
	(ii)	Liquid ratio		
		\$37 500 + \$32 020 + \$200 \$43 300 + \$23 100	$\frac{(\$85\ 864 + \$14\ 000) + \$500}{\$100\ 200 + \$60\ 000 + \$15\ 000}$	2
		= 1.05 : 1	= 0.57:1	
	(iii)	Days' sales in accounts receivables		
		$\frac{(\$37\ 500 + \$37\ 260)/2}{\$454\ 790} \times 365 \text{ days}$	$\frac{(\$37\ 500 + \$85\ 864 + \$14\ 000)/2}{\$625\ 942 + \$14\ 000} \times 365\ days$	2
		= 30.00 days	= 39.17 days	
	(iv)	Inventory turnover (in times)		
		\$454 790 - \$96 110 (\$79 680 + \$88 320) / 2	<u>(\$625 942 + \$14 000) - (\$230 191+ \$14 000)</u> (\$79 680 + \$162 936) / 2	2
		= 4.27 times	= 3.26 times	
	(v)	Net profit ratio		
		$\frac{\$115\ 000 - \$69\ 521}{\$454\ 790} \times 100\%$	$\frac{(\$132\ 722 + \$14\ 000) - \$115\ 000}{\$625\ 942 + \$14\ 000} \times 100\%$	2
		= 10.00%	= 4.96%	
	(vi)	Earnings per share		
		\$115 000 - \$69 521 31 000 shares	(\$132 722 + \$14 000) - \$115 000 31 000 shares	
		= \$1.47 per share	= \$1.02 per share	(1
				(1
(b)	(i)	Profitability of 2012 was worse than 201 Other comments:	1	:
		 net profit ratio dropped substantial 		
			ardstick for the performance of the company, was	
		decreased by \$0.45 (1 mark for each relevant comment, max	. 2 marks)	
		((
	((ii)) Ways: – better control over the level of inve	entory kept	
		 tighten credit policy so as to shorte 	en its collection period from customers	
		 increase cash discounts to attract e issue shares instead of making loar 	arly settlement from customers	
		 Issue shares instead of making load (1 mark for each relevant way, max. 3 m 		(

Total: 20 marks

Marks

Marks

QUESTION 8

(a)

(b)

Helen Ltd – Shop C	
Budgeted income statement for the year ended 31 Dece	mber 2014
	\$
Sales (6000000×0.2)	1 200 000
Cost of goods sold	(930 000)
Gross profit [\$1 200 000 × 0.225 (W1)]	270 000
Selling expenses	
- Fixed rental expenses (\$270 000/3)	(90 000)
- Sales commission ($630\ 000 \times 0.2$)	(126 000)
Administrative expenses	
- Salaries (\$560 000 × 3/7)	(240 000)
- Office expenses ($$350\ 000 \times 3/7$)	(150 000)
Net loss	(336 000)
	<u></u>

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	\$
Sales (\$6 000 000 \times 0.8 \times 1.1)	5 280 000
Cost of goods sold	(2 745 600)
Gross profit ($$5\ 280\ 000 \times 0.48$)	2 534 400
Selling expenses	
- Rental expenses of Shop A and Shop B (\$270 000 × 2/3)	(180 000)
- Rental deposit forfeited	(15 000)
- Sales commission (\$630 000 × 0.8 × 1.1)	(554 400)
Administrative expenses	
- Salaries (\$560 000 - \$120 000)	(440 000)
 Redundancy compensation 	(20 000)
- Office expenses ($350\ 000 \times 4/7 + 350\ 000 \times 3/7 \times 4/5$)	(320 000)
Net profit	1 005 000

(c) As net profit will be increased by \$115 000 (\$1 005 000 - \$890 000), Helen Ltd should close Shop C.

2 (2)

(4)

1 ½ ½

 $\frac{1}{2}$ $\frac{1}{2}$ 1

 $\frac{1\frac{1}{2}}{\frac{1}{2}}$ $\frac{1\frac{1}{2}}{\frac{1}{2}}$ $\frac{1}{2}$ (8)

(d) Non-financial factors:

The need to focus on a longer-term time horizon: A decision based on two years is too short
 The impact on the morale of staff working in other shops: potential threat of redundancies lead to lower morale and productivity
 Negative image of the company as a whole from the closure

(2 marks for each relevant factor, max. 4 marks)

Total: 20 marks

Workings:

.

(W1) Gross profit percentage as a whole= $2700\ 000\ /\ 6000\ 000\ \times\ 100\% = 45\%$ Gross profit percentage for Shop C = $45\%\ \times\ \frac{1}{2}$ = 22.5%

END OF PAPER 2A

PAPER 2B Business Management Module

General Principles of Marking

- 1. The answers given in this marking scheme are 'suggestions' only. Other relevant answers will also be accepted.
- 2. Where the number of points required is specified in a question, markers will mark the first listed points up to the number required, and cross out other points as 'excess'.
- 3. Essay questions require a discussion of the different aspects involved and a maximum mark is set for each point given in the marking scheme.
- 4. The general guidelines for points which are awarded 0 to 3 marks each are as follows:

0 mark	: irrelevant or ambiguous answers	
1 mark	: relevant phrases containing key words that answer the question	
2 marks	: a relevant point or answer with a brief explanation of the concept/key words stated	
3 marks	: a relevant point or answer elaborated with illustration of how it is related to the given scenario	

SECTION A

11

QUESTION 1

	Marks
Uses:	
- placement decision	6
 identification of training needs 	
- manpower planning	
 compensation adjustment 	
- motivation	
(2 marks for each relevant use, max. 6 marks)	
)	
	Total: <u>6 marks</u>
QUESTION 2	
Factors:	6
- character: e.g. whether the customer has a sense of responsibility to repay the debt	6
capacity, e.g. whether the customer has sufficient cash flows to most the all is the	
- capital: e.g. whether the customer has sufficient capital to back up his debt	
- collateral: a g whather the	

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- collateral: e.g. whether the customer has sufficient assets to secure the debt
- conditions: e.g. industry outlook, general economic conditions

(2 marks for each relevant factor, max. 6 marks)

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6 marks

Total:

OUESTION 3

QUESTION 3		Marks
 Reasons: losing existing customers means losing the lifetime value brought by these customers attracting a new customer usually costs more than retaining an existing one can do cross-selling more easily 		4
(2 marks for each relevant reason, max. 4 marks)	Total:	4 marks
QUESTION 4		
Progressive disciplinary actions: - verbal warning - written warning - suspension - discharge		6
(2 marks for each relevant action in sequence, max. 6 marks)	Total:	6 marks
QUESTION 5		
 Advantages: easier to cater for each region's needs quicker to respond to the local market more accurate assessment of each region's performance (2 marks for each relevant advantage, max. 4 marks) 		4
	Total:	4 marks
QUESTION 6 Reasons: - spell out rights and responsibilities of buyer and seller: avoid misunderstandings - legal status: remedies if breach of a contract - govern actions: avoid disputes (2) methe for each when the mether of a contract		4
(2 marks for each relevant reason, max. 4 marks)	Total:	4 marks

SECTION B

Marks **QUESTION 7** 4 (a) Risk management strategies: risk avoidance: e.g. avoid using easily infected food ingredients risk reduction: e.g. source raw materials from reliable suppliers risk transfer: e.g. take insurance to cover the losses resulting from food poisoning risk assumption: e.g. assume the losses resulting from food poisoning (2 marks for each relevant strategy, max. 4 marks) 6 (b) Methods: survey research, e.g. questionnaire qualitative research, e.g. interview observational research, e.g. on-site observation ____ experiments, e.g. taste tests (2 marks for each relevant method with correct example, max. 6 marks) 6 (c) Criteria: purchasing power: e.g. middle-class customers have higher income growth of the segment: e.g. middle-class customers become more health conscious competition: e.g. no dominant competitor in the field serving the middle-class customers distinctiveness: e.g. the market segment of middle-class is differentiable from other segments (2 marks for each relevant criterion, max. 6 marks) 3 (d) Sources of capital: issue shares issue long-term bond borrow long-term loan set up joint venture (1 mark for each relevant source, max. 3 marks) 6 (e) Ways of promotion: advertising; e.g. advertising on TV, food magazine or websites sales promotion: e.g. discounts, free gifts, lucky draw public relations: e.g. grand opening, press conference, press release personal selling: e.g. waiters recommend dishes to customers (2 marks for each relevant way, max. 6 marks) Total: 25 marks

QUESTION 8

1

QUES		
(a)	 Theory X assumptions: people inherently dislike work, e.g. employees of Wing Hung lack initiative people have little ambition and try to avoid responsibility, e.g. employees of Wing Hung follow instructions people prefer to be led, e.g. close supervision by Richard people prefer monetary rewards, e.g. above market level salary at Wing Hung people want stability and resist to change, e.g. follow rigid rules (2 marks for each relevant assumption, max. 6 marks) 	6
(b)	Other types of monetary compensation methods: - commission - bonus - merit pay - profit-sharing - stock option (2 marks for each relevant type, max. 6 marks)	6
(c)	 Reasons: intangibility: training helps to provide tangible signals of good service heterogeneity: training helps to reduce variability of service inseparability: training helps to equip employees with good interpersonal skills perishability: training helps to enhance employees' adaptability in dealing with fluctuating demand (2 marks for each relevant reason, max. 4 marks) 	4
(d)	(i) Payback period = $12m/$ $4m = 3$ years	1
	 (ii) Reasons: ignore time value of money fail to indicate the absolute worth of project ignore the cash flows after the payback period (2 marks for each relevant reason, max. 4 marks) 	4
(e)	(i) NPV = $\left(\frac{4m}{1.08} + \frac{4m}{1.08^2} + \frac{4m}{1.08^3} + \frac{4m}{1.08^4}\right) - 12 \text{ m}$	1
	NPV = \$1 248 507	1
	(ii) Since the NPV is positive, the project should be adopted.	2
	Total:	25 marks

Marks

SECTION C

QUESTION 9

1

liquidity ratios: measures the chain's ability to repay short-term debts, e.g. current ratio, (a) ----12 quick ratio debt management ratios/ solvency ratios: measures the chain's use of financial leverage, e.g. debt ratio, debt to equity ratio activity ratios/ management efficiency ratios: measure how efficiently the chain utilises its assets, e.g. inventory turnover, average collection period profitability ratios: measure the earning power of the chain, e.g. gross profit ratio, net profit margin (3 marks for each relevant point, max. 12 marks) (b) Possible causes: 8 sales: e.g. keen competition, inappropriate merchandising -_ inventories: e.g. wastage, change in prices, change in foreign exchange rates labour: e.g. change in wage rate and labour efficiency rental: e.g. change in rent level

(3 marks for each relevant cause, max. 8 marks)

		Total: 20 marks
QUE	STION 10	
(a)	 Characteristics: high growth in sales begin to earn substantial profit drop in average cost competition becomes keener customers are early adopters (3 marks for each relevant characteristic, max. 12 marks) 	12
(b)	 Advantages: promotion-from-within policy is well-accepted by employees the company and the employees are familiar with each other lower recruitment cost and orientation cost higher motivation to existing employees (3 marks for each relevant advantage, max. 8 marks) 	8
	<u>*</u>	Total: 20 marks

END OF PAPER 2B