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.

General Notes on Marking

- 1. Teachers are strongly advised to conduct their own internal standardisation procedures using the marking scheme before the actual marking begins. After standardisation, teachers should adhere to the marking scheme to ensure a uniform standard of marking within the school.
- 2. The marking scheme may not exhaust all possible answers for each question. Teachers should exercise their professional discretion and judgment in accepting alternative answers that are not in the marking scheme, but are correct and well-reasoned.
- 3. In questions asking for a specified number of reasons or examples etc., and a student gives more than the required number, the extra answers should not be marked. For instance, in a question asking students to provide two examples, and a student gives three answers, only the first two should be marked.
- 4. The general guidelines for points which are awarded 0 mark to 3 marks each are as follows:

0 mark : irrelevant or ambiguous answers

1 mark : relevant phrases containing key words that answer the question

2/3 marks : a relevant point or answer with a brief explanation of the concept/key words and/or

illustration of how it is related to the given scenario

PAPER 1

SECTION A

Question No.	Key	Question No.	Key
1.	C (42%)	16.	B (61%)
2.	A (38%)	17.	A (56%)
3.	C (62%)	18.	D (61%)
4.	D (71%)	19.	D (73%)
5.	B (47%)	20.	B (68%)
6.	C (54%)	21.	B (74%)
7.	C (35%)	22.	C (70%)
8.	B (79%)	23.	A (60%)
9.	A (51%)	24.	C (64%)
10.	B (90%)	25.	D (80%)
11.	A (82%)	26.	D (57%)
12.	D (75%)	27.	A (57%)
13.	B (55%)	28.	B (65%)
14.	C (77%)	29.	A (69%)
15.	D (40%)	30.	C (82%)

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

SECTION B PART 1

(a)	UESTION 1	Mark
	Joint venture: two or more businesses form a new business entity to carry out joint project(s)	1
(h)		
(b)	Advantages: more capital/resources can be contributed by joint venture partners	14
	- business risks can be shared among joint venture partners	Max 4
	 easier entry into new market: joint venture partners know local market well/have local connections 	
	 can bring in expertise/goodwill of different joint venture partners 	
	 can enjoy economies of scale 	
	(2 marks for each relevant advantage, maximum 4 marks)	
		5 mark
QU	ESTION 2	Mark
(a)	Financial needs:	Mail
(a)	- paying daily expenses to maintain her living	4
	- meeting contingencies, e.g. urgent medical expenses	
	- estate planning, e.g. funeral expenses	
	(2 marks for each relevant need, maximum 4 marks)	
(b)	Responsibilities:	2
	 understanding the terms of the investment contract before signing it 	2
	 checking account statements and transaction documents 	
	- understanding the characteristics and the risks of the investment instruments involved	
	(1 mark for each relevant responsibility, maximum 2 marks)	
		6 mark
0115	STION 3	
OUE		
QUE.		Mark
	(i) Company A: departmentalisation by function	Mark
	(i) Company A: departmentalisation by function	Mark 1
		1
		Asia Lini
(a)		1
(a)	(ii) Company B: departmentalisation by product	1
(a) b)	(ii) Company B: departmentalisation by product	1 I
(a) b)	(ii) Company B: departmentalisation by product General Manager of Company A Risk Management Department Main role:	1 1 1
QUE: (a) (b) c)	(ii) Company B: departmentalisation by product General Manager of Company A Risk Management Department Main role: identifying the possible risks the business is exposed to	1 1 1
(a) b)	(ii) Company B: departmentalisation by product General Manager of Company A Risk Management Department Main role: identifying the possible risks the business is exposed to formulating risk management strategies to manage the risks	1 1 1
(a) b)	(ii) Company B: departmentalisation by product General Manager of Company A Risk Management Department Main role:	1 1 1
(a) b)	(ii) Company B: departmentalisation by product General Manager of Company A Risk Management Department Main role: - identifying the possible risks the business is exposed to - formulating risk management strategies to manage the risks (2 marks for each relevant role, maximum 2 marks) - 2016	1 1 1
(a) (b)	(ii) Company B: departmentalisation by product General Manager of Company A Risk Management Department Main role: - identifying the possible risks the business is exposed to - formulating risk management strategies to manage the risks (2 marks for each relevant role, maximum 2 marks) - 2016 - accrual concept	1 1 1
(a) b)	(ii) Company B: departmentalisation by product General Manager of Company A Risk Management Department Main role: identifying the possible risks the business is exposed to formulating risk management strategies to manage the risks (2 marks for each relevant role, maximum 2 marks) 2016 accrual concept revenues and expenses are recognised when they	1 1 1
(a) b)	(ii) Company B: departmentalisation by product General Manager of Company A Risk Management Department Main role: - identifying the possible risks the business is exposed to - formulating risk management strategies to manage the risks (2 marks for each relevant role, maximum 2 marks) - 2016	1 1 1

PART 2

QUESTION 4				Marks
(a)	· Joh	n		
	Trial balance as a	t 31 December 20	16	
		Dr	Cr	0.5
		\$	\$	0.3
Capital	, 1 January 2016		240 000	0.5
Bank o	verdraft		173 400	0.5
Furnit	ıre	204 000	173 100	0.5
Sales			796 200	0.5
Purcha	uses	500 400		0.5
Return	s inwards	1 800		0.5
Return	ns outwards		1 500	0.5
Disco	unts received		2 100	0.5
Opera	ting expenses	507 000		0.5
	40	1 213 200	1 213 200	(5)
(b) Business ethics: - the moral p	rinciples, values and beli	efs which govern	the behaviours of a busine	l ess
– prov – prov	of the firm: iding fair and reasonable iding a safe and pleasant or each explanation, max	working environ	ment	2
dispspor	iving around the firm osing of litter and waste a soring community activition each explanation, max	ities		10 marks

(a)					
(a)	John				
	Income statement for the year e	nded 31 December	2016	1	0.
		\$	\$]	0,
	Sales		796 200		0.
	Less: Returns inwards		1 800		0.
			794 400		0.
	Less: Cost of goods sold				
	Purchases	500 400			0.:
	Less: Returns outwards	1 500			0.:
		498 900			
	Less: Closing inventory	195 000	303 900		0.5
	Gross profit		490 500		0.5
	Add: Discounts received		2 100		0.5
		T language	492 600		
	Less: Operating expenses		507 000		0.5
	Net loss		(14 400)		0.5
					(5)
Managemen	t function:				
- planni	ng				1
Reasons:					4
- to help	capture opportunities and deal with challenge ide direction to his staff	ges			7
- to prov	ide standards for monitoring work progress				

END OF PAPER 1

Paper 2A Accounting Module

SECTION A

	STION 1		M	larks
	i. Business entity			lai KS
	ii. Timeliness			1
	iii. Going concern			1
	iv. Money measurement			1
	v. Realisation			1
				1
				(5)
	Materiality			1
	- Materiality refers to the impact of an iter	n's nature and size on the company's fina	ncial	1
	operations. Amorniation is material if of	milling it or mic stating it and it is	decisions	•
	that about make on the basis of the lebor	IEO Tinancial information		
	- The calculator is insignificant in value in	View of a multinational comparation?	e of	1
	operations, and hence it should be record	ded as an expense in the year of purchase.		
				(3)
			8	marks
L	ESTION 2			Marks
)	Number of units remaining unsold = $(400 + 5)$ Unit average cost = $(17200 + 20000 + 540)$ Value of closing inventory = 38×550 units	000) / 2400units = \$38/unit		(2)
	Unit average cost = \$(17 200 + 20 000 + 54 0) Value of closing inventory = \$38 x 550 units	000) / 2400units = \$38/unit = \$20 900	THE STREET STREET	(2)
	Unit average cost = \$(17 200 + 20 000 + 54 0) Value of closing inventory = \$38 x 550 units Tommy	000) / 2400units = \$38/unit = \$20 900 y Company	The second of th	(2)
	Unit average cost = \$(17 200 + 20 000 + 54 0) Value of closing inventory = \$38 x 550 units Tommy	000) / 2400units = \$38/unit = \$20 900	terstocally Salasiacally Salasiacally S. Z Rouse production	(2)
	Unit average cost = \$(17 200 + 20 000 + 54 0) Value of closing inventory = \$38 x 550 units Tommy	900) / 2400units = \$38/unit = \$20 900 y Company the month ended 31 March 2017		(2)
	Unit average cost = \$(17 200 + 20 000 + 54 0) Value of closing inventory = \$38 x 550 units Tommy Income statement for the	000) / 2400units = \$38/unit = \$20 900 y Company	\$ 73 650	
	Unit average cost = \$(17 200 + 20 000 + 54 0) Value of closing inventory = \$38 x 550 units Tommy Income statement for the Sales (250 x \$45 + 1600 x \$39)	900) / 2400units = \$38/unit = \$20 900 y Company the month ended 31 March 2017	\$ 73 650	0.5
	Unit average cost = \$(17 200 + 20 000 + 54 0) Value of closing inventory = \$38 x 550 units Tommy Income statement for the Sales (250 x \$45 + 1600 x \$39) Less: Cost of goods sold	900) / 2400units = \$38/unit = \$20 900 y Company the month ended 31 March 2017		0.5
	Unit average cost = \$(17 200 + 20 000 + 54 0) Value of closing inventory = \$38 x 550 units Tommy Income statement for the Sales (250 x \$45 + 1600 x \$39) Less: Cost of goods sold Opening inventory	900) / 2400units = \$38/unit = \$20 900 y Company ne month ended 31 March 2017 \$		0.5
	Unit average cost = \$(17 200 + 20 000 + 54 0) Value of closing inventory = \$38 x 550 units Tommy Income statement for the Sales (250 x \$45 + 1600 x \$39) Less: Cost of goods sold	200) / 2400units = \$38/unit = \$20 900 y Company ne month ended 31 March 2017 \$ 17 200 74 000		0.5
	Unit average cost = \$(17 200 + 20 000 + 54 0) Value of closing inventory = \$38 x 550 units Tommy Income statement for the Sales (250 x \$45 + 1600 x \$39) Less: Cost of goods sold Opening inventory Purchases	200) / 2400units = \$38/unit = \$20 900 y Company ne month ended 31 March 2017 \$ 17 200 74 000 91 200	73 650	0.5 0.5 0.5
	Unit average cost = \$(17 200 + 20 000 + 54 0) Value of closing inventory = \$38 x 550 units Tommy Income statement for the Sales (250 x \$45 + 1600 x \$39) Less: Cost of goods sold Opening inventory Purchases Less: Closing inventory	200) / 2400units = \$38/unit = \$20 900 y Company ne month ended 31 March 2017 \$ 17 200 74 000	73 650 70 300	0.5 0.5 0.5
	Unit average cost = \$(17 200 + 20 000 + 54 0) Value of closing inventory = \$38 x 550 units Tommy Income statement for the Sales (250 x \$45 + 1600 x \$39) Less: Cost of goods sold Opening inventory Purchases Less: Closing inventory Gross profit	200) / 2400units = \$38/unit = \$20 900 y Company ne month ended 31 March 2017 \$ 17 200 74 000 91 200	73 650 70 300 3 350	0.5 0.5 0.5
	Unit average cost = \$(17 200 + 20 000 + 54 0) Value of closing inventory = \$38 x 550 units Tommy Income statement for the Sales (250 x \$45 + 1600 x \$39) Less: Cost of goods sold Opening inventory Purchases Less: Closing inventory Gross profit Less: Operating expenses	200) / 2400units = \$38/unit = \$20 900 y Company ne month ended 31 March 2017 \$ 17 200 74 000 91 200	70 300 3 350 14 350	0.5 0.5 0.5 0.5
	Unit average cost = \$(17 200 + 20 000 + 54 0) Value of closing inventory = \$38 x 550 units Tommy Income statement for the Sales (250 x \$45 + 1600 x \$39) Less: Cost of goods sold Opening inventory Purchases Less: Closing inventory Gross profit	200) / 2400units = \$38/unit = \$20 900 y Company ne month ended 31 March 2017 \$ 17 200 74 000 91 200	73 650 70 300 3 350	0.5 0.5 0.5 0.5
	Unit average cost = \$(17 200 + 20 000 + 54 0) Value of closing inventory = \$38 x 550 units Tommy Income statement for the Sales (250 x \$45 + 1600 x \$39) Less: Cost of goods sold Opening inventory Purchases Less: Closing inventory Gross profit Less: Operating expenses	200) / 2400units = \$38/unit = \$20 900 y Company ne month ended 31 March 2017 \$ 17 200 74 000 91 200	70 300 3 350 14 350	0.5 0.5 0.5 0.5
	Unit average cost = \$(17 200 + 20 000 + 54 0) Value of closing inventory = \$38 x 550 units Tommy Income statement for the Sales (250 x \$45 + 1600 x \$39) Less: Cost of goods sold Opening inventory Purchases Less: Closing inventory Gross profit Less: Operating expenses	200) / 2400units = \$38/unit = \$20 900 y Company ne month ended 31 March 2017 \$ 17 200 74 000 91 200	70 300 3 350 14 350	0.5 0.5 0.5 0.5
))	Unit average cost = \$(17 200 + 20 000 + 54 0) Value of closing inventory = \$38 x 550 units Tommy Income statement for the Sales (250 x \$45 + 1600 x \$39) Less: Cost of goods sold Opening inventory Purchases Less: Closing inventory Gross profit Less: Operating expenses Net loss	900) / 2400units = \$38/unit = \$20 900 by Company ne month ended 31 March 2017 \$ \[\begin{align*} 17 200 \\ 74 000 \\ 91 200 \\ 20 900 \end{align*} \]	70 300 3 350 14 350 11 000	0.5 0.5 0.5 0.5
	Unit average cost = \$(17 200 + 20 000 + 54 0) Value of closing inventory = \$38 x 550 units Tommy Income statement for the Sales (250 x \$45 + 1600 x \$39) Less: Cost of goods sold Opening inventory Purchases Less: Closing inventory Gross profit Less: Operating expenses Net loss the gross profit for the month of March	200) / 2400units = \$38/unit = \$20 900 y Company ne month ended 31 March 2017 \$ 17 200 74 000 91 200 20 900 h 2017 will decrease by \$1650 (\$3 x 550)	70 300 3 350 14 350 11 000	0.5 0.5 0.5 0.5 0.5 (3)
)	Unit average cost = \$(17 200 + 20 000 + 54 0) Value of closing inventory = \$38 x 550 units Tommy Income statement for the Sales (250 x \$45 + 1600 x \$39) Less: Cost of goods sold Opening inventory Purchases Less: Closing inventory Gross profit Less: Operating expenses Net loss the gross profit for the month of March	200) / 2400units = \$38/unit = \$20 900 y Company ne month ended 31 March 2017 \$ 17 200 74 000 91 200 20 900 h 2017 will decrease by \$1650 (\$3 x 550)	70 300 3 350 14 350 11 000	0.5 0.5 0.5 0.5 0.5 0.5 (3)
(cc(cc)	Unit average cost = \$(17 200 + 20 000 + 54 0) Value of closing inventory = \$38 x 550 units Tommy Income statement for the Sales (250 x \$45 + 1600 x \$39) Less: Cost of goods sold Opening inventory Purchases Less: Closing inventory Gross profit Less: Operating expenses Net loss - the gross profit for the month of March	200) / 2400units = \$38/unit = \$20 900 y Company ne month ended 31 March 2017 \$ 17 200 74 000 91 200 20 900 h 2017 will decrease by \$1650 (\$3 x 550)	70 300 3 350 14 350 11 000	0.5 0.5 0.5 0.5 0.5 (3)

QUESTION 3 (a) 2015 Depreciation expense = \$432 000 x 2400/8000 = \$129 600 2016 Depreciation expense = \$432 000 x (8000 - 1800 - 2300 - 2400)/8000 = \$81 000 (b) (i) \$400 000 (ii) [(\$300 000 - \$180 000) / (600 000-360 000)] x 480 000 = \$0.5 x 480 000 = \$240 000 (iii) Variable cost per unit = (\$125 000 - \$77 000)/(600 000 - 360 000) units = \$0.2 per unit Fixed cost = \$125 000 - (\$0.2 x 600 000 units) = \$5000	Mark 1 (2) 0.5
2016 Depreciation expense = \$432 000 x (8000 - 1800 - 2300 - 2400)/8000 = \$81 000 (b) (i) \$400 000 (ii) [(\$300 000 - \$180 000) / (600 000-360 000)] x 480 000 = \$0.5 x 480 000 = \$240 000 (iii) Variable cost per unit = (\$125 000 - \$77 000)/(600 000 - 360 000) units = \$0.2 per unit Fixed cost = \$125 000 - (\$0.2 x 600 000 units) = \$5000	1 (2) 0.5
(b) (i) \$400 000 (ii) [(\$300 000 - \$180 000) / (600 000-360 000)] x 480 000 = \$0.5 x 480 000 = \$240 000 (iii) Variable cost per unit = (\$125 000 - \$77 000)/(600 000 - 360 000)units = \$0.2 per unit Fixed cost = \$125 000 - (\$0.2 x 600 000 units) = \$5000	1 (2) 0.5
(b) (i) \$400 000 (ii) [(\$300 000 - \$180 000) / (600 000-360 000)] x 480 000 = \$0.5 x 480 000 = \$240 000 (iii) Variable cost per unit = (\$125 000 - \$77 000)/(600 000 - 360 000)units = \$0.2 per unit Fixed cost = \$125 000 - (\$0.2 x 600 000 units) = \$5000	0.5
(ii) [(\$300 000 - \$180 000) / (600 000-360 000)] x 480 000 = \$0.5 x 480 000 = \$240 000 (iii) Variable cost per unit = (\$125 000 - \$77 000)/(600 000 - 360 000)units = \$0.2 per unit Fixed cost = \$125 000 - (\$0.2 x 600 000 units) = \$5000	0.5
(ii) [(\$300 000 - \$180 000) / (600 000-360 000)] x 480 000 = \$0.5 x 480 000 = \$240 000 (iii) Variable cost per unit = (\$125 000 - \$77 000)/(600 000 - 360 000)units = \$0.2 per unit Fixed cost = \$125 000 - (\$0.2 x 600 000 units) = \$5000	
= \$0.5 x 480 000 = \$240 000 (iii) Variable cost per unit = (\$125 000 - \$77 000)/(600 000 - 360 000)units = \$0.2 per unit Fixed cost = \$125 000 - (\$0.2 x 600 000 units) = \$5000	1
= \$240 000 (iii) Variable cost per unit = (\$125 000 - \$77 000)/(600 000 - 360 000)units = \$0.2 per unit Fixed cost = \$125 000 - (\$0.2 x 600 000 units) = \$5000	1
(iii) Variable cost per unit = $(\$125\ 000 - \$77\ 000)/(600\ 000 - 360\ 000)$ units = $\$0.2$ per unit Fixed cost = $\$125\ 000 - (\$0.2\ x\ 600\ 000\ units) = \5000	1
Fixed cost = $$125000 - ($0.2 \times 600000 \text{ units}) = 5000	•
Total cost = $$5000 + ($0.2 \times 420 \ 000 \text{units}) = $89 \ 000$	1.5
	(3)
(c) mixed cost/semi-variable cost/semi-fixed cost	
	(1)
(d) - Type P	1
- Type P is a fixed cost. Given that KM Company has sufficient production capacity, Type P would	
not change no matter whether the special order is accepted or not.	1
	(2)
	8 mark
QUESTION 4 Cash at bank	Mark
5	
0.5 Balance b/d 105 468 Electricity (ii) 900	0.5
15 236 Bank charges (iv) 700	0.5
(v) 3 160 Trade receivables (vi) 11 620	
$\begin{array}{ccc} \text{180} & \text{1erm deposit} & \text{(ix)} & \text{60 not} \\ \end{array}$	0.5
Interest income (ix) 1 200 Balance c/d	0.5
124 044	-
124 044	
가 보고 있는데 그렇게 있다. 그런데 하는데 가는데 하는데 하는데 되었다. 그런데 하는데 하는데 하는데 하는데 그렇게 되었다. 그런데 하는데 그렇게 되었다. 그는데 하는데 그렇게 되었다.	(6)
Bank reconciliation statement as at 31 December 2016	
Bank reconciliation statement as at 31 December 2016	
Adjusted balance as per cash at bank account \$	
Adjusted balance as per cash at bank account Add: Unpresented cheques (i) \$ \$ 49 520	0.5
Adjusted balance as per cash at bank account Add: Unpresented cheques -450998 \$ \$ 49 520	
Adjusted balance as per cash at bank account Add: Unpresented cheques (i) -450998 -482118 35 060	0.5
Adjusted balance as per cash at bank account Add: Unpresented cheques -450998 \$ \$ 49 520	

(viii)

Uncredited deposits

Balance as per bank statement

8 755

81 425

1

(4)

10 marks

9δ 180 1

2 250 0.5

		The Journal					
			G. A. State	Dr		Cr	
(i)	Discounts a	illowed		\$		\$	
(i)	Tr	ade receivables		3 400			0.5
						3 400	0.5
(ii)	Cash						
(11)	Sales			28 050			0.5
	Tr	rade receivables - Pearl Limited		450			0.5
						28 500	0.5
(iii)	Trade paya	bles		270			
()	P	urchases		270			0.5
						270	0.5
(iv)	Suspense			880			0.5
	R	eturns inwards		000		440	0.5 0.5
	R	eturns outwards				440	0.5
						440	(5)
							(3)
)	Sta	atement to calculate the retained profits as	at 31 Decemb	per 2016			
			\$		\$		
	Draft net prof				7 700		
	Adjustments:	Discounts allowed omitted (i)	(3 400)				0.5
		Sales overstated (ii)	(450)				0.5
		Purchases overstated (iii)	270				0.5
		Returns inwards wrongly debited (iv)	440				0.5
		Returns outwards omitted (iv)	440	w Salaha	(2700)		0.5
	Adjusted net	profit for 2016			5 000		0.5
	Retained prof	fits as at 1 January 2016			10 000		0.5
	Retained pro	fits as at 31 December 2016			15 000		0.5
							(4)
c)	Gearing ratio						
in it	n fine Ameri	320 000 + 760 000			100%		
	= -	320 000 + (1 305 000 + 760 000 + 15	000)	X	100%		
	=	45%					(2)
d) -	The dividend	per share for preference shares is usually	fixed, while	it varies for	ordinary	shares.	Max. 2
	The preferen	ice shareholders usually have the right to re	eceive divide	nas prior to	the ordin	ary	
	shareholders						
	(1 mark for	each difference, maximum 2 marks)					(2)
							(2)
							13 mai

QU	STION 6	Marks
(a)	Selling price: $(\$2\ 400\ 000/9600) = \250 per unit Variable cost of goods sold: $(\$300\ 000 + \$600\ 000)/(2400+9600) = \75 per unit	1
	Variable selling and administrative overheads: (\$240 000/9600) = \$25 per unit	,
	Contribution margin: \$250 - \$75 - \$25 = \$150 per unit	1
		(4)
	01 005 000	(4)
(b)	Total fixed overheads: $(\$15\ 000 + \$930\ 000) + \$360\ 000 = \$1\ 305\ 000$	1
	Contribution margin ratio: $$150/$250 = 0.6$	1
	Breakeven sales: \$1 305 000/0.6 = \$2 175 000	1
	OR	2
	(\$1 305 000/\$150)units x \$250= 8700 units x \$250= \$2 175 000	
		(4)
(c)	(i) Total direct labour hours: (6 minutes x 5000) + (10 minutes x 7000) = 100 000 minutes Predetermined fixed production overhead absorption rate:	0.5
	M1: $$988\ 000/100\ 000\ x\ 6\ minutes = $59.28\ per\ unit$	0.5
	Super-M: $$988\ 000/100\ 000\ x\ 10\ minutes = $98.8\ per\ unit$	0.5
		0.5
	(ii) Total machine hours: $(48 \text{ minutes } \times 5000) + (40 \text{ minutes } \times 7000) = 520 000 \text{ minutes}$	
	Predetermined fixed production overhead absorption rate:	0.5
	M1: \$988 000/520 000 x 48 minutes = \$91.2 per unit	
	ψ 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0.5
	Super-M: $$988\ 000/520\ 000\ x\ 40\ minutes = $76\ per\ unit$	0.5
		(3)
(d)	machine hour	
(-)		1
	as the operation is machine-oriented/machine maintenance and depreciation for machinery are the main components of fixed production overheads/total machine hours used is nearly five-fold of total direct labour hours used	1
		(2)
		13 marks

	· Wist			
	Mark Income statement for the year ended 31 Decem	h- 2016		
0 1-0	(\$1 523 800 + \$13 700 - \$12 100)			
Sales	Cost of goods sold	\$	\$	
Less:	Opening inventory		1 525 400	1.5
		143 000		0.5
	Add: Purchases (\$989 170 + \$135 000 - \$149 700)	974 470		0.5 1.5
	Less: Closing inventory	1 117 470		1.5
	2000. Closing inventory	15 000		0.5
	Less: Destroyed inventory (Balancing figure)	1 102 470		0.5
Gross	Profit (\$1 525 400 - \$50 000) x 30%	19 690	1 082 780	0.5
	nterest income (\$\pi \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		442 620	1
Auu. I	moone		200	1
Less:	Expenses		442 820	
LC33.	Staff salaries (\$129 000 + \$89 400)			
	Rent and rates (\$127 750 - \$8000)	218 400		0.5
	Sundry expenses (\$42 800 + \$2180 - \$2440)	119 750		0.:
	Inventory loss	42 540		1
	Depreciation on motor van (\$24 000/0.8) x 20%	19 690		0.:
Net pr	ofit	6 000	406 380	1
Hot pr			36 440	
				(1
11)	Mark Statement of financial position as at 31 Decem	nber 2016		
	Statement of financial position as at 31 Decem	nber 2016	\$	
Non-ci	Statement of financial position as at 31 Decem			0
<i>Non-ci</i> Motor	Statement of financial position as at 31 Decement Assets van, net (\$24 000 - \$6000)		18 000	
<i>Non-ci</i> Motor	Statement of financial position as at 31 Decem		18 000 20 000	
<i>Non-co</i> Motor 2% Te	Statement of financial position as at 31 December 11 December 12 December 12 December 12 December 12 December 13 December 14 December 15 December 16 D		18 000	
<i>Non-ci</i> Motor 2% Te	Statement of financial position as at 31 Decement Assets van, net (\$24 000 - \$6000) rm deposit at Assets	\$	18 000 20 000	0
Non-ci Motor 2% Ter Curren	Statement of financial position as at 31 Decement Assets van, net (\$24 000 - \$6000) rm deposit at Assets ory	\$ 15 000	18 000 20 000	0
Non-co Motor 2% Ter Current Invento Rental	Statement of financial position as at 31 Decement Assets van, net (\$24 000 - \$6000) rm deposit at Assets ory deposit	\$ 15 000 8 000	18 000 20 000	0
Non-co Motor 2% Ter Curren Invento Rental Interest	Statement of financial position as at 31 Decement Assets van, net (\$24 000 - \$6000) rm deposit at Assets ory deposit t receivable	\$ 15 000 8 000 200	18 000 20 000	0
Non-ce Motor 2% Ter Current Invento Rental Interest Trade r	Statement of financial position as at 31 Decement Assets van, net (\$24 000 - \$6000) rm deposit at Assets ory deposit t receivable receivables	\$ 15 000 8 000 200 13 700	18 000 20 000 38 000	0
Non-ce Motor 2% Ter Current Invento Rental Interest Trade r	Statement of financial position as at 31 Decement Assets van, net (\$24 000 - \$6000) rm deposit at Assets ory deposit t receivable	\$ 15 000 8 000 200	18 000 20 000 38 000	0
Non-ce Motor 2% Ter Current Inventor Rental Interest Trade r	Statement of financial position as at 31 Decement Assets van, net (\$24 000 - \$6000) rm deposit at Assets ory deposit t receivable receivables	\$ 15 000 8 000 200 13 700	18 000 20 000 38 000	0
Non-ce Motor 2% Te Current Invental Interest Trade r Cash at	Statement of financial position as at 31 Decement Assets van, net (\$24 000 - \$6000) rm deposit at Assets ory deposit t receivable receivables t bank (\$99 180 - \$1200)	\$ 15 000 8 000 200 13 700 97 980	18 000 20 000 38 000	0
Non-co Motor 2% Ter Curren Invento Rental Interest Trade r Cash at	Statement of financial position as at 31 Decement Assets van, net (\$24 000 - \$6000) rm deposit at Assets ory deposit t receivable receivables t bank (\$99 180 - \$1200)	\$ 15 000 8 000 200 13 700 97 980	18 000 20 000 38 000	0000
Non-ce Motor 2% Ter Current Inventor Rental Interest Trade r Cash at	Statement of financial position as at 31 Decement Assets van, net (\$24 000 - \$6000) rm deposit at Assets ory deposit t receivable receivables t bank (\$99 180 - \$1200)	\$ 15 000 8 000 200 13 700 97 980 88 760 10 000	18 000 20 000 38 000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Non-ce Motor 2% Ter Current Inventor Rental Interest Trade r Cash at Capital Balance	Statement of financial position as at 31 Decement Assets van, net (\$24 000 - \$6000) rm deposit at Assets ory deposit t receivable receivables t bank (\$99 180 - \$1200)	\$ 15 000 8 000 200 13 700 97 980 88 760 10 000 36 440	18 000 20 000 38 000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Non-ce Motor 2% Ter Current Invento Rental Interest Trade r Cash at	Statement of financial position as at 31 Decement Assets van, net (\$24 000 - \$6000) rm deposit at Assets ory deposit t receivable receivables t bank (\$99 180 - \$1200)	\$ 15 000 8 000 200 13 700 97 980 88 760 10 000 36 440 135 200	18 000 20 000 38 000 134 880 172 880	0
Non-ce Motor 2% Ter Curren Inventor Rental Interest Trade r Cash at Capital Balance Add: Ca	Statement of financial position as at 31 Decement Assets van, net (\$24 000 - \$6000) rm deposit at Assets ory deposit t receivable receivables t bank (\$99 180 - \$1200)	\$ 15 000 8 000 200 13 700 97 980 88 760 10 000 36 440	18 000 20 000 38 000	0
Motor 2% Ter Curren Invento Rental Interest Trade r Cash at Capital Balance Add: C: Add: N Less: D	Statement of financial position as at 31 Decement Assets van, net (\$24 000 - \$6000) rm deposit at Assets ory deposit t receivable receivables t bank (\$99 180 - \$1200) de as at 1 January 2016 apital injection et profit for the year arawings (\$29 500 + \$70 000)	\$ 15 000 8 000 200 13 700 97 980 88 760 10 000 36 440 135 200 (99 500)	18 000 20 000 38 000 134 880 172 880	0000
Non-ce Motor 2% Tel Current Invento Rental Interest Trade r Cash at Capital Balance Add: Ca Add: N Less: D	Statement of financial position as at 31 Decement Assets van, net (\$24 000 - \$6000) rm deposit at Assets ory deposit t receivable receivables t bank (\$99 180 - \$1200) deposit trace as at 1 January 2016 apital injection et profit for the year arawings (\$29 500 + \$70 000) at Liabilities	\$ 15 000 8 000 200 13 700 97 980 88 760 10 000 36 440 135 200 (99 500)	18 000 20 000 38 000 134 880 172 880 35 700	000000000000000000000000000000000000000
Non-ce Motor 2% Ter Current Invento Rental Interest Trade r Cash at Capital Balance Add: N Less: D	Statement of financial position as at 31 Decement Assets van, net (\$24 000 - \$6000) rm deposit at Assets ory deposit t receivable receivables t bank (\$99 180 - \$1200) de as at 1 January 2016 apital injection et profit for the year arawings (\$29 500 + \$70 000)	\$ 15 000 8 000 200 13 700 97 980 88 760 10 000 36 440 135 200 (99 500)	18 000 20 000 38 000 134 880 172 880	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

QUESTION 7 (Cont'd) (b) - normal loss is an expected loss arising from normal purchases or production activities - abnormal loss is an unexpected loss in the operation of a business - the loss caused to Mark's business by the fire is an abnormal loss 1 (3) 20 marks

2016	Bill	Ben	Tom	2016			
	\$	\$	\$		Bill	Ben	Tom
5 Goodwill				Balance b/d	\$	\$	\$
.5 Loan – Bill	252 500			Cash at bank	162 000	466 000	
Balance c/d		563 500	192 000	Current			240 000
					42 000		
				Revaluation (w1) Goodwill	24 500	73 500	
	252 500	563 500			_24 000	24 000	
			240 000	1	252 500	563 500	240 000

(w1) Gain on revaluation = $$248\ 000 - ($120\ 000\ /\ 0.8) = $98\ 000$

(6)

(b) (i)	-	Appropriation account for the year ended 31 December 2016		
	Net loss Add:		\$ 395 650 24 000	1.5
			419 650	
	Share o	Floss - Ben (1/2) - Tom (1/2)	209 825 209 825	} 0.5
	(w2)	Depreciation expense under-provided for = $[\$248\ 000 - (\$120\ 000/0.8)] \times 20\% = \$19\ 600$ Loan interest expense = $\$252\ 500 \times 2\% = \5050	419 650	(3)

(b) (ii)

	2016	Ben	Tom	2016	Ben	Tom	
		\$	\$		\$	\$	
	Balance b/d Appropriation account	20 000		Appropriation account - salary		24 000	0.5
0.5	- share of loss	209 825	209 825	Balance c/d	229 825	185 825	0.5
		229 825	209 825		229 825	209 825	
							(2)

(c) Items that would be recorded in the current account:

- Drawings
- Interest on capital
- Interest on drawings
- Interest on loan to partner(s)
 (1 mark for each item, max. 2 marks)

(2)

	0.5	Equipment (\$248 000 x 0.8) Trade receivables Inventory Cash at bank- realisation expenses	70 000 98 000 6 000	Ben's Capital: Equipmen Cash at bank - Trade rece Trade payables - discound Interest payable Share of realisation loss: Capital - Ben Capital - Tom	ivables and	48 175 48 175	1 000 5 050	0.5 0.5 0.5
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(e)				Capi	tal			
		2017	Ben \$	Tom \$	2017	Ben \$	Tom \$	
	0.5	Current account	229 825	185 825	Balance b/d	563 500	192 000	0.5
	0.5	Realisation: Equipment	174 000		Cash at bank		42 000	0.5 0.5
	0.5	Realisation	48 175	48 175				0.5
	0.5	Cash at bank	111 500			-		
			563 500	234 000	(Characher)	563 500	234 000	
								(3)

PAPER 2B

Business Management Module

SECTION A

QUESTION 1	Marks
 pure risk involves only the possibility of loss or no loss speculative risk involves the possibilities of both gain as well as loss 	1
 (b) Liability insurance: public liability insurance: e.g. protecting the theme park against accidental injury or loss of personal belonging of the visitors employees' compensation insurance: e.g. protecting the theme park against insurance claims arising from injury to their employees at work (2 marks for each type of insurance, max. 4 marks) 	4
	6 marks
QUESTION 2	Marks
Factors: - capital: whether the borrower has sufficient capital to back up his debt - capacity: whether the borrower has the ability to meet the obligation - collateral: whether the borrower has sufficient assets to secure the debt - character: whether the borrower has a sense of responsibility to repay the debt - condition: general economic environment (2 marks for each relevant factor, max. 6 marks)	6
	6 marks
QUESTION 3	Marks
Objectives:	6
 to avoid accidents: e.g. by improving driving skills and enhancing safety consciousness to improve the quality of service: e.g. by enhancing drivers' communication skills and manners with customers to improve efficiency: e.g. by better equipping drivers with the skills and techniques required/making sure drivers are familiar with the routes, roads and traffic regulations (2 marks for each relevant objective, max. 6 marks) 	
(2 marks for each relevant objective, max. 6 marks)	6 marks
QUESTION 4	Marks
Ways:	6
price: e.g. cutting prices to stimulate sales product: e.g. phasing out weak/unpopular product items place: e.g. phasing out unprofitable distribution channel members promotion: e.g. minimising promotional expenses and focusing on retaining loyal customers	
(2 marks for each relevant way, max. 6 marks)	6 marks

6

(a)

Method - self-finance: e.g. Marco can invest more capital in his business or use his profits for the expansion	Disadvantage - limited source of funds, the amount of funds raised is lower than through other methods
 setting up a partnership: e.g. Marco can invite business partners to contribute capital 	 difficult to find suitable partners/joint decisions/less flexibility
 setting up a private limited company: e.g. inviting friends or relatives to become shareholders of his business 	complicated and costly setup procedure
 long term debt: e.g. borrowing from friends, the bank or other financial institutions 	fixed obligation to repay interest and principal

(1 mark for each method and 1 mark for the relevant disadvantage, max. 6 marks)

(b) Needs:

- social needs: need for interaction and communication with other people, e.g. relationships with colleagues and customers, sense of belonging to the retail chain
- esteem/ego needs: need for recognition of achievement and contribution, e.g. autonomy, appreciation, recognition, respect
- self-actualization needs: desire to realise his full potential and talents to achieve,
 e.g. by having a challenging job, career advancement, self-development

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

(c) Reasons:

- to understand more the needs and requirements of existing customers and provide better marketing strategy
- to facilitate cross-selling
- to enhance loyalty of existing customers

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

(d) Limitations:

- affecting the morale of candidates not promoted
- creating unhealthy competition among the staff of the chain
- limited source of new ideas and skills

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

	Characteristics:	Marks
(a)	 intangibility: e.g. being able to use tangible clues and physical evidence, such as providing a clean dining environment, maintaining waiters' professional look inseparability: e.g. providing training to waiters to improve their interpersonal skills and service manners perishability: e.g. handling fluctuating demand flexibly and reducing waiting time by using a reservation system or hiring part-time waiters heterogeneity: e.g. using an instructional manual and standardised procedures to take food orders and maintaining service consistency (2 marks for each relevant characteristic, max. 6 marks) 	6
(b)	Limitations:	
	- less in-depth information	4
	- difficult to control the response rate	
	- limited and biased sample as it could not include other restaurants'	
	(2 marks for each relevant limitation, max. 4 marks)	
(c)	(i) Payback period:	
	\$4 000 000/ \$1 420 000	2
	= 2.82 years	
	(ii) Net present value:	A
	$(\frac{\$1420000}{\$1420000} + \frac{\$1420000}{\$1420000})$	2
	$(\frac{\$1420000}{1.06^1} + \frac{\$1420000}{1.06^2} + \frac{\$1420000}{1.06^3}) - \$4000000$	
	= -\$204 323	
(d)	- the NPV is negative, so the robotic system project should not be accepted	2
(e)	Methods:	
	 accounting rate of return: the average annual net profit earned from the project per dollar of investment 	2
	 internal rate of return: the discount rate at which the net present value of the project is zero 	
	(2 marks for each relevant method, max. 2 marks)	

SECTION C

QUESTION 7			
 (a) Aspects: profitability: evaluate the income-generating power/earning power of the airline company (e.g. gross profit ratio, net profit ratio, return on capital employed) liquidity: evaluate the ability of the airline company to repay short-term debts using its current assets (e.g. current ratio, liquid ratio) solvency: evaluate the financial leverage and gearing of the airline company (e.g. gearing ratio) management efficiency: evaluate how efficiently the airline company utilises its assets and resources (e.g. trade receivables turnover, trade payables turnover, total assets turnover) (2 marks for each relevant description, max. 8 marks) 	8		
 Purposes: to comply with legal requirements: e.g. rest days, Mandatory Provident Fund and statutory holidays to build an image as a good employer: e.g. award of 'employer of choice' to satisfy employees' security and social needs: e.g. provide insurance and organise recreational activities to enhance employees' loyalty: e.g. airlines' staff discounts, training subsidies (3 marks for each relevant purpose, max. 12 marks) 	12		
	20 marks		

8

12

Steps: (a)

- 1. review current performance and conduct situational analysis: e.g. conduct a SWOT
- 2. set marketing objectives: e.g. increase in market share, profit maximisation, etc.

select target markets: e.g. understand the buying behaviours of different market segments and choose the most suitable target market

4. formulate marketing strategies: e.g. targeting and positioning (e.g. marker leader, market challenger, market follower or market nicher) which help maintain and enhance the

(2 marks for each relevant step in correct sequence, max. 8 marks)

Factors: (b)

Socio-cultural factors:

culture: e.g. beliefs, values and customs (including race, religion, geographical location and age)

- social class: e.g. occupation, education and income
- reference group: i.e. direct reference group (e.g. friends, family members, colleagues) and indirect reference group (e.g. celebrities)

Psychological factors:

- perception: e.g. what determines how customers process the stimuli (e.g. country of origin, texture and quality, package) to which they are exposed to
- learning: e.g. changes in behaviour through experience (e.g. poor quality of clothing bought from the shop previously would hinder the customers to come again)
- belief and attitude: e.g. feelings towards the brand
- personality and self-concept: e.g. customers' choosing clothing which can reflect their identities and characters (e.g. conservative/open-minded/trendy)

(3 marks for each relevant factor, max. 12 marks)

20 marks

END OF PAPER 2B