# HONG KONG INSTITUTE OF CERTIFIED PUBLIC ACCOUNTANTS

#### **AND**

#### HONG KONG ASSOCIATION FOR BUSINESS EDUCATION

# HONG KONG DIPLOMA OF SECONDARY EDUCATION EXAMINATION 2017/18

# BUSINESS, ACCOUNTING AND FINANCIAL STUDIES MOCK EXAMINATION

PAPER 2A ACCOUNTING MODULE

**SUGGESTED ANSWER** 

#### SECTION A

# Question 1

(a)	Ф	
Salas (050 x \$100 + 1 000 x \$105)	\$	0.5
Sales (950 x \$100 + 1,000 x \$105)	200,000	0.5
Less: Total cost (\$75,000 + \$78,000)	153,000	0.5
Net profit for the two months ended 30 November 2017	47,000	
Alternative answer:		
Net profit for October 2017 (950 x \$100 - \$75,000)	20,000	0.5
Net profit for November 2017 (1,000 x \$105 - \$78,000)	27,000	0.5
Net profit for the two months ended 30 November 2017	47,000	
The profit for the two months ended 30 November 2017		a a wles
	<111	nark>
(b)		
Variable cost per unit = $\frac{\$78,000-\$75,000}{1,000 \text{ units}-950 \text{ units}} = \$60 \text{ per unit}$	0.5	0.5
variable cost per unit $-\frac{1000 \text{ units}}{1000 \text{ units}} - 500 \text{ per unit}$	0.5 +	0.5
Contribution magning manualt \$100 \$60 \$40		4 =
Contribution margin per unit = $$100 - $60 = $40$		1.5
Gardailandian manain madia (in 0/) \$40 - 1000/ 400/		2
Contribution margin ratio (in %) = $\frac{\$40}{\$100}$ x 100% = 40%		2
	<2 m	arks>
(c)		
Fixed cost = $$75,000 - $60 \times 950 \text{ or } $78,000 - $60 \times 1,000 = $18,000$		0.5
Contribution margin per unit = $$105 - $60 = $45$		1
Breakeven point (in units) = $\frac{\$18,000}{\$45}$ = 400 units		
OR Breakeven point (in \$) = $400 \times $105 = $42,000$		2
Distriction point (iii $\psi$ ) = 700 x $\psi$ 103 = $\psi$ 42,000		
Manning of a fata (in 0/) 1,000 units -400 units		2
Margin of safety (in %) = $\frac{1,000 \text{ units} - 400 \text{ units}}{1,000 \text{ units}} \times 100\% = 60\%$		3

<Total: 6 marks>

<3 marks>

All	lowance	for	Doul	btful	Accounts
-----	---------	-----	------	-------	----------

		1 1110		0 60 0 61 601 1 1 10	• 0 071100		
	2015		\$	2015		\$	
0.5	Dec 31	Profit and loss	3,160	Jan 1	Balance b/d	23,500	0.5
0.5	Dec 31	Balance c/d <sup>(1)</sup>	20,340				
			<u>23,500</u>			<u>23,500</u>	
	2016			2016			
0.5	Dec 31	Balance c/d <sup>(2)</sup>	33,012	Jan 1	Balance b/d	20,340	
				Dec 31	Profit and loss	12,672	0.5
			<u>33,012</u>			33,012	
	2017			2017			
0.5	Dec 31	Profit and loss	6,112	Jan 1	Balance b/d	33,012	
1	Dec 31	Balance c/d <sup>(3)</sup>	26,900				
			33,012			33,012	

# Workings:

- (1) \$(525,000–16,500)x4%
- (2) \$(472,400–59,750)x8%
- (3) \$200,000x5% + \$120,000x7% + \$50,000x9% + \$40,000x10%

<4 marks> <Total: 4 marks>

### (a) Depreciation charge for the year 2017

Cost of machine	\$	
Listed Price	660,000	
Less: Trade discount (20%)	132,000	
	528,000	0.5
Add: Freight charges	8,500	0.5
Design fee	12,000	0.5
Testing fee	9,500	0.5
Labour and overheads installation	10,600	0.5
	568,600	0.5

Depreciation charge = (\$568,600 - \$8,600)/5 (1/2) x 3/12 (1/2) = \$28,000 (1)

<4 marks>

<2 marks>

#### (b) Costs

Direct materials	Variable cost	0.5
Direct wages	Variable cost	0.5
Depreciation	Fixed cost	0.5
Town gas	Semi-variable cost	0.5

C--4--4 00 000 ----:

#### (c) Costs at 80,000 units

	\$	
Direct materials	1,040,000	0.5
Direct wages	560,000	0.5
Depreciation	28,000	0.5
Town gas	90,000	0.5
	1.718.000	

Town gas

Variable cost per unit = (\$85,000 - \$75,000)/(70,000 - 50,000) = \$0.5Total fixed cost = \$85,000 - \$0.5\*70,000 = \$50,000

#### **Alternative answer**

	Variable cost per unit	Total costs if 80,00	0 units a quarter	
Variable cost	\$		\$	
Direct materials	13.0			
Direct wages	7.0			
Town gas	0.5	_		
	20.5	X 80,000 units	1,640,000	1
Fixed cost		_		
Depreciation			28,000	0.5
Town gas		_	50,000	0.5
		<u> </u>	1,718,000	
		_	<2 m	arks>

<2 marks> <Total: 8 marks>

#### (a) Bank loans

Statement of Financial Position

•Shown as a non-current liability (1)

#### **Preference shares**

Statement of Financial Position

•Shown as part of equity/share capital (1)

<2 marks>

(b) The effect of issuing 500,000 new ordinary shares at \$1 each:

	Increase	Decrease	No effect	Amount \$	
General reserve			<b>√</b>		0.5
Ordinary share capital	<b>√</b>			500,000	0.5
Retained profits			✓		0.5
Bank	✓			500,000	0.5

<2 marks>

- (c) Identify the accounting concept the company must comply with.
  - i. Materiality value of stock of loose tools and stationery were usually <u>insignificant</u> and should be better <u>treated as an expense / should not be treated as non-current asset</u>. (1)
  - ii. Consistency depreciation method should not be changed for better asset value. (1)

<2 marks>

<Total: 6 marks>

(a)	\$	
Materials	120	
Labour	70	
Prime cost	190	0.5
Variable production overheads (\$10 x 2)	20	0.5
Fixed production overheads ( $\frac{$400,000}{5,000}$ x 2)	160	0.5
Product cost per unit	370	0.5
	<2 m	arks>
(b)		

# **Income Statement for November 2017 under Absorption Costing**

	\$	\$	
Sales (\$470 x 2,300)		1,081,000	0.5
Less: Production costs of units completed (\$370 x 2,400) 88	8,000		0.5
Less: Closing inventory (\$370 x 100)	7,000		0.5
85	1,000	_	
Add: Fixed production overheads under-absorbed			
(\$400,000 - \$160 x 2,400 or \$384,000)	6,000	_	1
Production costs of goods sold		867,000	
Gross profit		214,000	
Less: Variable selling and administrative expenses (\$15 x 2,300) 3	4,500		0.5
Fixed selling and administrative expenses13	2,000	166,500	0.5
Net profit		47,500	0.5

#### <4 marks>

(c)	\$	
Fixed production overheads	400,000	
Variable selling and administrative expenses (\$15 x 2,300)	34,500	
Fixed selling and administrative expenses	132,000	
Period cost under marginal costing	566,500	1

#### <1 mark>

1

1

(d)
The reported <u>net profit</u> for November 2017 under absorption costing <u>is higher</u> than that under marginal costing.
It is because **production volume is greater than the sales volume** and a **greater amount** of fixed production overheads is included in closing inventory and carried forward to next

<2 marks>

accounting period.

90,850

32,450

27,000

5,450

1

0.5

(e)

#### **Cost-Benefit Analysis Approach**

 $[(\$470 \times 5\% + \$16) \times 2,300]$ 

Less: Promotors' basic salaries (\$9,000 x 3)

Increase in total contribution margin

Increase in net profit

	\$	
Total contribution margin under the proposal*		
[(\$470 x 95% - \$190 - \$20 - \$15 - \$16) x ( $\frac{5,600}{2}$ + 100)]	595,950	1
Total contribution margin without the proposal		
[(\$470 - \$190 - \$20 - \$15 ) x 2,300]	563,500	1
Increase in total contribution margin	32,450	
Less: Promotors' basic salaries (\$9,000 x 3)	27,000	0.5
Increase in net profit	5,450	
Alternative answer:		
Increase in contribution margin on additional sales*		
[(\$470 x 95% - \$190 - \$20 - \$15 - \$16) x ( $\frac{5,600}{2}$ +100 - 2,300)]	123,300	1
Less: Decrease in contribution margin on existing sales	,	

Since there is an increase in net profit, the Marketing Manager's proposal should be accepted.

0.5

<a href="mailto:accepted">accepted</a>.

<a href="mailto:accepted">3 marks></a>

<sup>\*</sup>Although sales volume can be increased by 30%, i.e. 2,990 units (2,300 units x 130%), the maximum number of machine hours is only 5,600 which can produce 2,800 units ( $\frac{5,600 \text{ hours}}{2 \text{ hours}}$ ) at maximum. With the opening inventory of 100 units included, the maximum sales volume would be 2,900 units.

#### <u>OR</u>

#### **Income Statement Approach**

<b>Income Statement for December 2017 under Marginal Costing (Un</b>	der new p	roposal)	
	\$	\$	
Sales (\$470 x 95% x 2,900)		1,294,850	0.5
Less: Variable production costs of units sold:			
Variable production costs of opening inventory (\$210 x 100)	21,000		
Variable production cost of units produced (\$210 x 2,800)	588,000	609,000	
Product contribution		685,850	
Less: Variable selling and administrative expenses (\$16 + \$15) x 2,900		89,900	0.5
Contribution		595,950	
Less: Fixed production overheads	400,000	1	
Fixed selling and administrative expenses	132,000	F	0.5
Promotors' basic salaries	27,000	559,000	
Net profit		36,950	0.5

<b>Income Statement for December 2017 under Marginal Costing (V</b>	Vithout new	proposal)
	\$	\$
Sales (\$470 x 2,300)		1,081,000
Less: Variable production costs of units sold:		
Variable production costs of opening inventory (\$210 x 100)	21,000	
Variable production costs of units produced (\$210 x 2,200)	462,000	483,000
Product contribution		598,000
Less: Variable selling and administrative expenses (\$15 x 2,300)		34,500
Contribution		563,500
Less: Fixed production overheads	400,000	
Fixed selling and administrative expenses	132,000	532,000
Net profit		31,500

Since there is an increase in net profit (\$36,950 - \$31,500 = \$5,450), the Marketing Manager's proposal should be accepted.

(3)

0.5

<Total: 12 marks>

(a)

(4)	2016	2017
(i)	\$57 300 ÷ \$386 500 x 100%	\$45 900(wk 1) ÷ \$(466 980 – 22 500) x 100%
	= 14.83% <b>[0.5]</b>	= \$45 900 (½) ÷ 444 480 (½) x 100%
		= 10.33 % <b>[1.5</b> ]
(ii)	\$(25 500 + 77 300 + 120 000) ÷	\$[(36 700 + 15 000) + (55 000 - \$22 500) +
	(\$36 600 + \$83 000)	89 300)] ÷ \$[(76 000 + 48 000 + 5900)]
	= \$222 800 ÷ \$119 600	$= $173 500 (\frac{1}{2}) \div $129 900 (\frac{1}{2})$
	= 1.86 : 1 <b>[0.5</b> ]	= 1.34 : 1 <b>[1.5]</b>
(iii)	$[(19760 + 36600)/2] \div 228650 \times 12$	\$[(36 600 + 76 000 + \$5900) /2]
	= \$28 180 ÷ \$228 650 x 12	÷ \$(253 830 + 5900) x 12
	= 1.48 months [0.5]	$= $59\ 250\ (\frac{1}{2}) \div $259\ 730\ (\frac{1}{2}) \times 12$
		= 2.74 months [1]
(iv)	\$220 750 ÷ [\$(17 600 + 25 500) / 2]	\$(242 630 + 5900 - 15 000)
	= \$220 750 ÷ \$21 550	÷ [(25 500 + 36 700 + 15 000) / 2]
	= 10.24 times <b>[0.5]</b>	$= $233 530 (\frac{1}{2}) \div $38 600 (\frac{1}{2})$
		= 6.05 times [1]

<7 marks>

#### Working 1

Net profit for 2017 = \$59 300 - \$5900 [Omission of purchase] - \$22 500 [Overstatement of sales] + \$15 000 [Understatement of closing inventory] = \$45 900

Correcting entries for errors

(iii) Purchases 5 900
Trade payable 5 900

(iv) Sales 22 500
Inventory 15 000
Trade receivable 22 500

(b i)

The <u>liquidity</u> of the company <u>deteriorated</u> (1) as the current ratio dropped from 1.86 times to 1.34 times. It indicated that the company was <u>less able to repay</u> its short-term liabilities out of its current assets in the year. (1)

The deterioration of the liquidity was due to the <u>extension of repayment period</u> to trade creditors from 1.48 months to 2.74 months. (1) Also, the <u>inventory turnover slowed down</u> in the year as the inventory turnover rate decreased from 10.24 times to 6.05 times in 2017. (1)

(Any three points of the above, 1 mark for each point, max. 3 marks)

<3 marks>

15 000

(b ii)

Limitations of ratio analysis

i. Information may not be timely

Profit and loss

- ii. Ignorance of qualitative factors
- iii. Different accounting policies between companies

(Any two points of the above, 1 mark for each point, max. 2 marks)

<2 marks> <Total: 12 marks>

/		`
1	0	١
	а	

	Reva	luation		
2017	\$	2017	\$	\$
Dec 31 Furniture and fixtures	70,000	Dec31 Loss on revaluation —	-	1
Dec 31 Inventory	1,600	Capital: Au $(^2/_4)$	36,000	1
Dec 31 Allowance for doubtful account	400	Capital: Lau (1/4)	18,000	1
		Capital: Wong $(^{1}/_{4})$	18,000	72,000
	72,000			<u>72,000</u>

<3 marks>

				Cap	ital						
	Au	Lau	Wong	Но			Au	Lau	Wong	Но	
2017	\$	\$	\$	\$	201	17	\$	\$	\$	\$	
Dec 31 Capital a/c:					De	c 31 Balances b/f	300,000	150,000	100,000	_	0.5
GW adj.				60,000	"	31 Capital a/c:					
" 31 Revaluation:						GW adj.		30,000	30,000		1
Share of loss	36,000	18,000	18,000	_	"	31 Bank	_	_		50,000	0.5
" 31 Current a/c		72,000	22,000		"	31 Motor vehicles	_	_	_	100,000	@0.5
" 31 Balances c/d	270,000	90,000	90,000	90,000	"	31 Current a/c	6,000				0.5
	306,000	180,000	130,000	150,000			306,000	180,000	130,000	150,000	
					•						

Partner	Goodwi	ll shared in old ratio	Goodwill shared in new ratio		Required adjustment		
		\$		\$			\$
Au	$(^{2}/_{4})$	180,000	$(^{3}/_{6})$	180,000			
Lau	$(^{1}/_{4})$	90,000	$(^{1}/_{6})$	60,000	Cr	Capital: Lau	30,000
Wong	(1/4)	90,000	$(^{1}/_{6})$	60,000	Cr	Capital: Wong	30,000
Но	_		$(^{1}/_{6})$	60,000	Dr	Capital: Ho	60,000
		<u>360,000</u>		<u>360,000</u>			

<4 marks>

(c)

Au, Lau, Wong and Ho Statement of Financial Position as at 1 January 2018

Statement of Financial Position		Φ.
	\$	\$
Non-current assets		
Furniture and fixtures (at valuation)		400,000
Motor vehicles (net)		107,000
, ,		507,000
Current assets		,
Inventory	13,400	
Trade receivables (net)	13,100	
Bank (\$5,500 + \$50,000)	55,500	
Dank (\$3,300 + \$30,000)		
	82,000	
Less Current liabilities	1.7.000	
Trade payables	15,000	
Net current assets		67,000
		574,000
Capital accounts		
Au	270,000	
Lau	90,000	
Wong	90,000	
Но	90,000	540,000
Current accounts		310,000
	(20.250)	
Au	(39,250)	
Lau	80,625	24.000
Wong	(7,375)	34,000
		574,000

<5 marks>

<Total: 12 marks>

## Working:

						Curr	ent					
			Au	Lau	Wong	Но			Au	Lau	Wong	Но
20	17		\$	\$	\$	\$	2017		\$	\$	\$	\$
De	ec31	Balance b/f			2,500		Dec31	Balances b/f	15,500	33,000		
"	31	Share of loss	63,750	31,875	31,875		" 31	Int on capital	15,000	7,500	5,000	
"	31	Capital	6,000				" 31	Capital		72,000	22,000	
"	31	Balances c/d		80,625			" 31	Balance c/f	39,250		7,375	
			69,750	112,500	34,375				69,750	112,500	34,375	

(a)

Drawings	(a)				Bank				
Disposal   10,000   0,5   0,	-	2017							<u> </u>
O.5		2017	Balance b/d		2017	Drawings		10.0	
Cash	0.5			· ·		_	expenses		
Balance c/d   272,500   1,430,000     272,500   1,430,000     2017     8   2017     8   2017     8   2017     8   2018     2018     8   2018     8   2018     8   2018     8   2018     8   2018     8   2018     8   2018     8   2018     8   2018     8	0.5		Trade receivable	900,000					
Table   Tabl	0.5			,		Trade payal	ble	890,0	00 0.5
Cash   2017			Balance c/d						
Balance b/d   6,000   Bank   120,000   0.5     Sales: cash sales   156,482   Drawings   12,000   0.5     Administrative expenses   22,500   0.5     Balance c/d   7,982   162,482				1,430,000				<u>1,430,0</u>	<u>000</u>
Balance b/d   6,000   Bank   120,000   0.5   12,000   0.5   Administrative expenses   12,000   0.5   Administrative expenses   12,000   0.5   Administrative expenses   12,000   0.5   162,482					Cash				
Sales: cash sales	•	2017		\$	2017				\$
Administrative expenses Balance c/d   Administrative expenses Balance c/d   Administrative expenses Balance c/d   Administrative expenses   7,982   162,482   162,482				· ·				,	
Balance c/d   7,982   162,482   162,482   162,482   162,482   162,482   162,482   162,482   162,482   162,482   162,482   162,682   1			Sales: cash sales	156,482		_			
							-		
(b)   Mr. Smith   Income statement for the year ended   31 December   2017   S   S   S   S   S   S   S   S   S				162 492		Balance c/o	a		
Mr. Smith				<u>162,482</u>					
Mr. Smith   Income statement for the year ended 31 December 2017   \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(h)								S marks.
Sales (\$963,500(1) + \$156,482(1/2))	(0)			Mr. Sr	nith				
Sales (\$963,500(1) + \$156,482(1/2))			Income stateme	ent for the year	r ende	d 31 Decemb	er 2017		
Less: Returns inwards/Sales returns         25,000 1,094,982         0.5 1,094,982           Less: Cost of goods sold Opening inventory Add: Purchases         921,350 904,850         1           Less: Returns outwards/Purchases returns         16,500 904,850 984,850         0.5           Less: Closing inventory         27,000 957,850 782,130 957,850         0.5           Less: Inventory loss         175,720 782,130 95,785,70 782,130 782,130 95,785,70 782,130 95,785,70 782,130 95,785,70 782,130 95,785,70 782,130 95,785,785,785,785,785,785,785,785,785,78						\$	\$	\$	
Less: Cost of goods sold Opening inventory Add: Purchases Personal Returns outwards/Purchases returns  Less: Returns outwards/Purchases returns  Less: Closing inventory  Less: Closing inventory  Less: Inventory loss  Gross profit (\$1,094,982 x 40% ÷ 140%)  Add: Other income Discounts received Profit on disposal  Less: Expenses Operating expenses Administrative expenses Administrative expenses Discounts allowed Bad debts Inventory loss Inventory loss Inventory loss Depreciation expenses - Premises - Premises - Premises - Premises - Equipment [(\$250,000-\$34,500)x25%]  11,094,982  80,000 80,000  11,094,982  80,000  0.5  11,094,982  11,094,982  11,094,982  11,094,982  11,094,982  11,094,982  11,094,982  11,094,982  11,094,982  11,094,982  11,094,982  11,094,982  11,094,982  12,000 0.5 175,72	Sal	les (\$96	63,500( <b>1</b> ) + \$156,48	$2(\frac{1}{2})$				1,119,982	1.5
Less: Cost of goods sold Opening inventory Add: Purchases       80,000       1         Less: Returns outwards/Purchases returns       921,350       1         Less: Returns outwards/Purchases returns       16,500       904,850       0.5         Less: Closing inventory       27,000       0.5         957,850       957,850       0.5         Less: Inventory loss       175,720       782,130       0.5         Gross profit (\$1,094,982 x 40% ÷ 140%)       312,852       0.5         Add: Other income       12,600       0.5         Discounts received       12,600       0.5         Profit on disposal       15,500       0.5         Less: Expenses       361,750       0.5         Operating expenses       361,750       0.5         Administrative expenses       190,280       0.5         Discounts allowed       8,900       0.5         Bad debts       8,000       0.5         Inventory loss       175,720       0.5         Depreciation expenses       50,000       0.5         - Premises       50,000       0.5         - Equipment [(\$250,000-\$34,500)x25%]       53,875       848,525       0.5	Les	ss: Retu	urns inwards/Sales r	eturns					0.5
Opening inventory         80,000           Add: Purchases         921,350         1           Less: Returns outwards/Purchases returns         16,500         904,850         0.5           Less: Closing inventory         27,000         957,850         0.5           Less: Inventory loss         175,720         782,130         0.5           Gross profit (\$1,094,982 x 40% ÷ 140%)         312,852         312,852           Add: Other income         12,600         0.5           Profit on disposal         15,500         0.5           Profit on disposal         361,750         0.5           Less: Expenses         361,750         0.5           Operating expenses         361,750         0.5           Administrative expenses         190,280         0.5           Discounts allowed         8,900         0.5           Bad debts         8,000         0.5           Inventory loss         175,720         0.5           Depreciation expenses         50,000         0.5           - Premises         50,000         0.5           - Equipment [(\$250,000-\$34,500)x25%]         53,875         848,525         0.5								1,094,982	
Add: Purchases Less: Returns outwards/Purchases returns    16,500   904,850   984,850   984,850     27,000   957,850     Less: Inventory loss   175,720   782,130   0.5     Gross profit (\$1,094,982 x 40% ÷ 140%)   312,852     Add: Other income   Discounts received   12,600   0.5     Profit on disposal   15,500   340,952     Less: Expenses   361,750   0.5     Administrative expenses   190,280   0.5     Discounts allowed   8,900   0.5     Bad debts   8,000   0.5     Inventory loss   175,720   0.5     Depreciation expenses   50,000   0.5     Depreciation expenses   50,000   0.5     Equipment [(\$250,000-\$34,500)x25%]   53,875   848,525   0.5	Les		<u> </u>				00.000		
Less: Returns outwards/Purchases returns       16,500       904,850       0.5         984,850       984,850       0.5         Less: Closing inventory       27,000       957,850         175,720       782,130       0.5         Gross profit (\$1,094,982 x 40% ÷ 140%)       312,852         Add: Other income       12,600       0.5         Discounts received       15,500       0.5         Profit on disposal       340,952       0.5         Less: Expenses       361,750       0.5         Operating expenses       190,280       0.5         Administrative expenses       190,280       0.5         Discounts allowed       8,900       0.5         Bad debts       8,000       0.5         Inventory loss       175,720       0.5         Depreciation expenses       50,000       0.5         - Premises       50,000       0.5         - Equipment [(\$250,000-\$34,500)x25%]       53,875       848,525       0.5			•			021 250	80,000		4
Less: Closing inventory 27,000 957,850  Less: Inventory loss 175,720 782,130 0.5  Gross profit (\$1,094,982 x 40% ÷ 140%) 312,852  Add: Other income Discounts received 12,600 0.5 Profit on disposal 15,500 0.5  Administrative expenses 361,750 0.5  Administrative expenses 190,280 0.5 Discounts allowed 8,900 0.5 Bad debts 8,000 0.5 Inventory loss 175,720 0.5 Depreciation expenses 50,000 0.5 Depreciation expenses 50,000 0.5  Premises 50,000 0.5 Equipment [(\$250,000-\$34,500)x25%] 53,875 848,525 0.5				/Durchasas rati	ırne	•	004.850		
Less: Closing inventory       27,000       0.5         957,850       957,850       0.5         Less: Inventory loss       175,720       782,130       0.5         Gross profit (\$1,094,982 x 40% ÷ 140%)       312,852       0.5         Add: Other income       12,600       0.5         Profit on disposal       15,500       0.5         Profit on disposal       361,750       0.5         Administrative expenses       190,280       0.5         Administrative expenses       190,280       0.5         Discounts allowed       8,900       0.5         Bad debts       8,000       0.5         Inventory loss       175,720       0.5         Depreciation expenses       50,000       0.5         - Premises       50,000       0.5         - Equipment [(\$250,000-\$34,500)x25%]       53,875       848,525       0.5		Les	s. Returns outwards	/Fuichases len	J1118 -	10,300			0.5
Less: Inventory loss   175,720   782,130   0.5   Gross profit (\$1,094,982 x 40% ÷ 140%)   312,852   Add: Other income   Discounts received   12,600   0.5   Profit on disposal   15,500   0.5   Profit on disposal   361,750   0.5   Administrative expenses   190,280   0.5   Discounts allowed   8,900   0.5   Bad debts   8,000   0.5   Inventory loss   175,720   0.5   Depreciation expenses   50,000   0.5   Equipment [(\$250,000-\$34,500)x25%]   53,875   848,525   0.5		Les	s. Closing inventory	7			,		0.5
Less: Inventory loss       175,720       782,130       0.5         Gross profit (\$1,094,982 x 40% ÷ 140%)       312,852       312,852         Add: Other income       12,600       0.5         Profit on disposal       15,500       0.5         Profit on disposal       340,952       0.5         Less: Expenses       361,750       0.5         Operating expenses       190,280       0.5         Administrative expenses       190,280       0.5         Discounts allowed       8,900       0.5         Bad debts       8,000       0.5         Inventory loss       175,720       0.5         Depreciation expenses       50,000       0.5         - Premises       50,000       0.5         - Equipment [(\$250,000-\$34,500)x25%]       53,875       848,525       0.5		LCS	s. Closing inventory			=			0.0
Gross profit (\$1,094,982 x 40% ÷ 140%)       312,852         Add: Other income       12,600       0.5         Profit on disposal       15,500       0.5         Admisspan       340,952       0.5         Less: Expenses       361,750       0.5         Administrative expenses       190,280       0.5         Discounts allowed       8,900       0.5         Bad debts       8,000       0.5         Inventory loss       175,720       0.5         Depreciation expenses       50,000       0.5         - Premises       50,000       0.5         - Equipment [(\$250,000-\$34,500)x25%]       53,875       848,525       0.5		Les	s: Inventory loss					782,130	0.5
Add: Other income       12,600       0.5         Profit on disposal       15,500       0.5         Less: Expenses       340,952         Less: Expenses       361,750       0.5         Administrative expenses       190,280       0.5         Discounts allowed       8,900       0.5         Bad debts       8,000       0.5         Inventory loss       175,720       0.5         Depreciation expenses       50,000       0.5         - Premises       50,000       0.5         - Equipment [(\$250,000-\$34,500)x25%]       53,875       848,525       0.5	Gro		•	% ÷ 140%)		<del>-</del>			
Profit on disposal       15,500       0.5         Adwinistrative expenses       361,750       0.5         Administrative expenses       190,280       0.5         Discounts allowed       8,900       0.5         Bad debts       8,000       0.5         Inventory loss       175,720       0.5         Depreciation expenses       50,000       0.5         - Premises       50,000       0.5         - Equipment [(\$250,000-\$34,500)x25%]       53,875       848,525       0.5		-		,				ŕ	
Less: Expenses Operating expenses Administrative expenses Discounts allowed Bad debts Inventory loss Depreciation expenses - Premises - Premises - Equipment [(\$250,000-\$34,500)x25%]  340,952  0,5  361,750 0,5  490,280 0,5  8,900 0,5  8,000 0,5  175,720 0,5  50,000 0,5  53,875 848,525 0,5		Dis	counts received					12,600	0.5
Less: Expenses       361,750       0.5         Operating expenses       190,280       0.5         Administrative expenses       190,280       0.5         Discounts allowed       8,900       0.5         Bad debts       8,000       0.5         Inventory loss       175,720       0.5         Depreciation expenses       50,000       0.5         - Premises       50,000       0.5         - Equipment [(\$250,000-\$34,500)x25%]       53,875       848,525       0.5		Pro	fit on disposal					15,500	0.5
Operating expenses       361,750       0.5         Administrative expenses       190,280       0.5         Discounts allowed       8,900       0.5         Bad debts       8,000       0.5         Inventory loss       175,720       0.5         Depreciation expenses       50,000       0.5         - Premises       50,000       0.5         - Equipment [(\$250,000-\$34,500)x25%]       53,875       848,525       0.5								340,952	
Administrative expenses       190,280       0.5         Discounts allowed       8,900       0.5         Bad debts       8,000       0.5         Inventory loss       175,720       0.5         Depreciation expenses       50,000       0.5         - Premises       50,000       0.5         - Equipment [(\$250,000-\$34,500)x25%]       53,875       848,525       0.5	Les	_							
Discounts allowed       8,900       0.5         Bad debts       8,000       0.5         Inventory loss       175,720       0.5         Depreciation expenses       50,000       0.5         - Premises       50,000       0.5         - Equipment [(\$250,000-\$34,500)x25%]       53,875       848,525       0.5		_					,		
Bad debts       8,000       0.5         Inventory loss       175,720       0.5         Depreciation expenses       50,000       0.5         - Premises       50,000       0.5         - Equipment [(\$250,000-\$34,500)x25%]       53,875       848,525       0.5			-	es			· · · · · · · · · · · · · · · · · · ·		
Inventory loss       175,720       0.5         Depreciation expenses       50,000       0.5         - Premises       50,000       0.5         - Equipment [(\$250,000-\$34,500)x25%]       53,875       848,525       0.5							,		
Depreciation expenses  - Premises 50,000 0.5  - Equipment [(\$250,000-\$34,500)x25%] 53,875 848,525 0.5									
- Premises 50,000 <b>0.5</b> - Equipment [(\$250,000-\$34,500)x25%] 53,875 848,525 <b>0.5</b>			•				173,720		<b>U.</b> 5
- Equipment [(\$250,000-\$34,500)x25%] 53,875 848,525 <b>0.5</b>		-	-				50 000		0.5
				)0_\$34 500\x25	%1		,	848.525	
	Ne			, φυ <del>τ,υυυ,κ</del> 2υ	۱۷۷	_	23,013	(507,573)	0.0

(c)

Mr. Smith
Statement of financial position as at 31 December 2017

	\$	\$	\$
Non-current assets			
Premises (net)			450,000
Equipment (net)			161,625
		•	611,625
Current assets			
Inventory		27,000	
Trade receivable		179,100	
Prepaid administrative expenses		6,250	
Cash		7,982	
	_	220,332	
Less: Current liabilities			
Trade payable	110,000		
Accrued operating expenses	7,000		
Bank overdraft	272,500	389,500	
Net current liabilities			(169, 168)
		·	442,457
Eingnood hu			
Financed by:			972,030
Capital			
Less: Net loss		-	507,573
Laga Drowings			464,457
Less: Drawings		-	22,000 442,457

<6 marks>

<Total: 20 marks>

## Workings:

## Statement of affairs as at 1 January 2017

	\$	\$
Premises (net)		500,000
Equipment (net)		250,000
Inventory		80,000
Trade receivable		157,500
Bank		87,500
Cash		6,000
Prepaid operating expenses		4,750
		1,085,750
Trade payable	107,750	
Accrued administrative expenses	5,970	113,720
Capital		972,030

		Pren	nises		
2017		\$	2017		\$
	Balance b/d	500,000		Depreciation	50,000
				Balance c/d	450,000
		500,000		<del>-</del>	500,000
			ment		
2017		\$	2017		\$
	Balance b/d	250,000		Disposal	34,500
				Depreciation	53,875
		• • • • • • • • • • • • • • • • • • • •		Balance c/d	161,625
		<u>250,000</u>			<u>250,000</u>
		Trade re	ceivable	e	
2017		\$	2017		\$
	Balance b/d	157,500		Bank	900,000
	Sales	963,500		Returns inwards	25,000
				Discounts allowed	8,900
				Bad debts	8,000
				Balance c/d	179,100
		1,121,000		-	1,121,000
		Trade p	navable		
2017		\$	2017		\$
_01/	Bank	890,000	2017	Balance b/d	107,750
	Returns outwards	16,500		Purchases	921,350
	Discounts received	12,600			,
	Balance c/d	110,000			
		1,029,100		<del>-</del>	1,029,100
			l		
2017		Operating		es	ф.
2017	D 111/1	\$	2017	D (". 11	\$
	Prepaid b/d	4,750		Profit and loss	361,750
	Bank	350,000			
	Accrued c/d	7,000		-	261 750
		<u>361,750</u>			<u>361,750</u>
		Administrati		enses	
2017		\$	2017		\$
	Bank	180,000		Accrued b/d	5,970
	Cash	22,500		Profit and loss	190,280
				Prepaid c/d	6,250
		<u>202,500</u>			<u>202,500</u>
		Disp	osal		
2017		\$	2017		\$
	Equipment	34,500		Bank	50,000
	Profit and loss	15,500			•
		50,000	1	·	50,000

		Drawing	gs	
2017		\$ 20	017	\$
	Bank	10,000		
	Cash	12,000		
		Returns inv		
2017		\$ 20	017	\$
	Trade receivable	25,000		
		Returns out	warde	
2017			017	\$
2017		\$ 20	Trade payable	16,500
		ı	riade pajasie	10,200
		Discounts al	lowed	
2017		\$ 20	017	\$
	Trade receivable	8,900		
		Discounts re	ceived	
2017		\$   20	017	\$
			Trade payable	12,600
		Dod dala	A.a.	
2015		Bad deb		ф.
2017		•	017	\$
	Trade receivable	8,000		

(a)

Venus Company Bank Reconciliation Statement as at 31 December 2017

	\$	\$	-
Balance as per cash book before adjustment		89,000	
Add: (ii) Electricity payment overstated	7,150		0.5
(iii) Undercast of bank account	1,380		0.5
(viii) Credit transfer	3,820		0.5
(ix) Stale cheque	6,800		0.5
(ix) Unpresented cheque	5,730	24,880	0.5
		113,880	•
Less: (vi) Credit sales wrongly recorded as deposit into bank	90,000		0.5
(vii) Omission of payment	3,520	93,520	0.5
Balance as per bank statement		20,360	0.5
		<4 mar	ks>

(b)

	Venus Company			
	The Journal			
Date	Details	Dr.	Cr.	
		\$	\$	
(i)	Suspense	19,000		0
	Trade receivable – Thomas		19,000	0
(ii)	Bank	7,150		0
	Suspense		7,150	0
(iii)	Bank	1,380		0
	Suspense	20,420		(
	Profit and loss – Returns inwards		21,800	0
(iv)	Profit and loss – Sales	77,000		0
	Trade receivable		50,000	0
	Deposit from customers		27,000	
(v)	Profit and loss – Advertising expense	75,000		
	Prepaid expense		75,000	0

Date	Details	Dr.	Cr.	]
		\$	\$	
(vi)	Profit and loss – Sales	10,000		0.5
	Profit and loss – Discounts allowed		10,000	0.5
	Trade receivable – Mr. Fung	90,000		0.5
	Bank		90,000	0.5
(vii)	Accrued expense	3,520		0.5
	Bank		3,520	0.5
(viii)	Bank	3,820		0.5
	Trade receivable – Ronald Ltd		3,820	0.5
(ix)	Bank	6,800		0.5
	Trade payable		6,800	0.5

<12 marks>

(c)

Venus Company

Statement to adjust working capital as at 31 December 2017

	\$	\$	
Working capital/Net current assets before adjustment (\$267 000-\$152 000)		115,000	0.5
Add: (ii) Electricity payment overstated	7,150		0.5
(iii) Understatement of bank	1,380	8,530	0.5
<del>-</del>		123,530	
Less: (i) Omission of trade receivable, Thomas	19,000		0.5
(iv) Overstatement of trade receivable	50,000		0.5
(iv) Omission of deposit from customers	27,000		0.5
(v) Overstatement of prepaid expense	75,000	171,000	0.5
Working capital/Net current liabilities after adjustment		(47,470)	0.5

<4 marks>

<Total: 20 marks>

~ End of Paper ~