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Cambridge International Advanced Subsidiary and Advanced Level

ACCOUNTING 9706/21

Paper 2 Structured Questions

October/November 2017

MARK SCHEME
Maximum Mark: 90

Published

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[Turn over

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Question	Answer				
1(a)	Inventory at 6 April 2016	5			

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Question		Answer		Marks		
1(b)	Huan Income statement for the year ended 31 March 2016					
	Revenue Cost of sales Opening inventory Purchases Returns outwards Closing inventory Gross profit Profit on disposal of motor vehicle (W1) Deduct expenses Carriage outwards Discount allowed Insurance Motor expenses Other operating expenses Wages Advertising expenses (3480 – 200) Interest payable (950 + 180) Property rental (11 050 – 3250) Depreciation motor vehicles (49 600 · 25%) Depreciation fixtures and fittings 41 600 · 15%) Irrecoverable debt written off Increase in provision for doubtful debts (W2)	\$ 56 800 239 470 (410) (1) 295 860 (60 500) (1OF) 810 1 250 1 090 6 460 4 690 12 230 3 280 (1) 1 130 (1) 7 800 (1) 12 400 (1) 6 240 (1) 420 (1) 110 (1)	\$ 294 200 235 360			
	Profit for the year W1 Accumulated depreciation = (18720 · 25%) + 4680 · NBV = 10530	0	1 400 (1 OF)			
	Profit = $11000 - 10530 = 470$ W2 $(34920 - 420) \cdot 2\% - 580 = 110$ increase					

Question	Answer	Marks
1(c)	Benefits: (maximum 3 marks) Provides a total for trade receivables. (1) Helps in the preparation of the financial statements. (1) Helps deter/prevent/reduce fraud as it is maintained by different person. (1) Verifies the arithmetical accuracy / identifies errors in the sales ledger. (1) Can be reconciled with the sales ledger balances to improve accuracy. (1)	4
	Limitation: (maximum 1 mark) Doesn't identify errors of commission/compensating/original entry. (1)	
1(d)(i)	operating expenses to revenue (to <u>two</u> decimal places) (57 910 - 1130) (10F)/294 200) · 100 = 19.30% (1) OF	4
1(d)(ii)	inventory turnover (days) (56800 + 60500)/2) (1 OF)/235360) · 365 = 91 days (1OF)	
1(e)(i)	Carla may have better control on operating expenses. Carla may have lower wages as she does the work herself, so takes higher drawings. Carla may have less depreciation as she does not need delivery vehicles. Allow other valid responses.	4
	Maximum 2 marks (1 for stating and 1 for developing)	
1(e)(ii)	Carla has a faster turnover of finished goods because all her products are sold on the day they are made. Any inventory (e.g. flour) is perishable.	
	Maximum 2 marks (1 for stating and 1 for developing)	

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Question		Answer	Marks
2(a)	accounts to be debited	accounts to be credited	6
	Asset disposal (1)	Asset at cost (1)	
	Asset provision for depreciation	1) Asset disposal (1)	
	Bank or cash (1)	Asset disposal (1)	
2(b)	Provision for depreciation		7
	Asset disposal 6 409 Balance c/d 55 179 61 588	(3) Balance b/d	
	Workings:		
	Disposal: 19 500 · 20% · 3 / 12 18 525 · 20% 14 820 · 20% · 7 / 12	975 (1) 3 705 (1) 1 729 (1) 6 409	
	Income statement: 81 250 – 14 820 · 20% 28 230 · 20% · 6 / 12 14 820 · 20% · 7 / 12	13 286 (1) 2 823 (1) 1 729 (1) 17 838	

Question	Answer	Marks
2(c)	Transaction 1: Profit would decrease by \$2823 (1) due to the depreciation cost. Transaction 2: Profit would increase by \$1509 (1) due to the profit on disposal of the asset. Alternative: The overall effect on profit for the year would be a decrease of \$1314 (2).	2

Question	Answer	Marks
3(a)(i)	Ordinary shareholders have voting rights at general meetings, whereas cumulative preference shareholders do not. (1) The cumulative preference dividend is a fixed amount, whereas the ordinary dividend is set annually and can vary depending on profits. (1)	
	Unpaid ordinary dividends do not accumulate, whereas cumulative preference dividends Do. (1) If the company is liquidated, cumulative preference shareholders would be paid ahead of ordinary shareholders. (1)	
	Max 2	
3(a)(ii)	Subscribers pay for shares in a rights issue, but not with a bonus issue. (1) The company's net assets are increased as a result of a rights issue, but unchanged with a bonus issue. (1) Shareholders may or may not exercise their rights, but will automatically receive their bonus shares. (1)	3

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Question				Answer			Marks
3(b)	Date 2015	Name of account to be debited	Amount \$	Name of account to be credited	Amount \$		6
	June 1	Bank	100 000	Ordinary share capital	100 000	(1)	
		Bank	15 000	Share premium	15 000	(1)	
	Sept 30 2016	Bank	30 000	Share premium	30 000	` ,	
	Oct 1	Bank	25 000	Ordinary share capital	25 000	(1)	
	Oct 1	Bank	4 750	Share premium	4 750	(2)	
3(c)	*25 000 · (\$1.40 · 85 Shareholders demand Retained earnings are Maximum dividend parthere is sufficient case Fewer funds for possion Share premium account Max 4 Accept other valid a	d would result in a page only \$45 000 (1) ayable equals 45 000 sh in the bank (\$90 0) ble future development could be used to	yment of \$60 0 /125 000 = \$0. 00) to pay the cent. (1)	36 (1) lividend, (1) but insufficier	nt retained e	earnings. (1)	4

Question	Answer	
4(a)	Method of costing that you apply to the production of a number of identical items. (1) The cost per unit is found by dividing the total batch cost by the number of units in the batch. (1)	2

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Question			Answer				Marks
4(b)		Assembly \$	Machining \$	Stores \$	Canteen \$		3
	Allocated overheads	36 000	50 000	6 250	2 500		
	Re-apportionment of canteen	1 625	625	250	(2 500)	(1) row	
	Subtotal	37 625	50 625	6 500	_		
	Re-apportionment of stores	2 600	3 900	(6 500)	_	(1of) row	
	Total	40 225	54 525	_	_	(1of) both	
4(c)	Assembly		Machinin	g			4
	$\frac{$40225}{6000} = $6.70 (10f)$	per labour hr	\$54 525 5500	= \$9. (1)	91 (1of) per r	machine hr	
4(d)	Direct materials Direct labour – assembly (500 hrs · \$12) Direct labour – machining (300 hrs · \$8) Production overheads (assembly 500 hrs · \$6.70) Production overheads (machining 500 hrs · \$9.91) Selling and administration costs costs Total cost \$ 48 000.00		6				
	Cost per unit			100		.71 (1of)	

Question	Answer	Marks
4(e)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3
4(f)	Anna would still make a profit on the order. (1) The order will help ensure the workforce is kept busy. (1) May lead to further orders from Sally. (1) However, Anna's other customers may also start demanding discount, (1) which would reduce Anna's overall profit. (1) Reaction of competitors who may lower their prices. (1) Could lose order if discount not given. (1) 1 mark for decision and 4 marks for justification.	5
4(g)	Selling price 12 - variable costs $\frac{(5)}{7}$ = contribution 7 $\frac{\$21000}{\$7}$ (10f) = 3000 units (10f)	3

Question	Answer	Marks
4(h)	Non-financial reasons (Max 2)	4
	If Anna doesn't fulfil the existing orders, the customers will not be happy / loss of reputation. (1) Could have a knock-on effect for other orders of other products. (1) Can workforce be used elsewhere if they don't make these orders / lay off workers. (1) Morale of employees in existing factory. Financial reasons (Max 2)	
	The orders provide a positive contribution towards fixed costs. (1) At present current level of demand is below break-even point - factory operates at a loss. (1) Demand may increase in the future and make the new factory profitable. (1) How accurate is the financial data. (1) Will closing the factory result in redundancy costs. (1)	
	1 mark for advice and overall max 3 marks for reasons.	

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