

National Qualifications 2019

2019 Accounting

Higher

Finalised Marking Instructions

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General marking principles for Higher Accounting

Always apply these general principles. Use them in conjunction with the specific marking instructions, which identify the key features required in candidates' responses.

- (a) Always use positive marking. This means candidates accumulate marks for the demonstration of relevant skills, knowledge and understanding; marks are not deducted for errors or omissions.
- (b) If a candidate response does not seem to be covered by either the principles or specific marking instructions, and you are uncertain how to assess it, you must seek guidance from your team leader.
- (c) Always follow through consequentiality subsequent to a calculative error and give credit for any errors in subsequent calculations or working.
- (d) Mark scored out or erased working which has not been replaced, where still legible. However, if the scored out or erased working has been replaced, mark only the work which has not been scored out.
- (e) For state questions, candidates must list a number of relevant items or facts. These must relate to the context of the question and do not need to be in any particular order.

Up to the total mark allocation for this question

- award **1 mark** for each relevant item or fact.
- (f) For describe questions, candidates must make a number of relevant factual points, which may be characteristics and/or features, as appropriate to the question asked. These points may relate to a concept, process or situation. Candidates may provide a number of straightforward points or a smaller number of developed points, or a combination of these.

Up to the total mark allocation for this question

- award **1 mark** for each relevant factual point
- award **1 mark** for any further development of a relevant point, including exemplification when appropriate.
- (g) For analyse questions, candidates must demonstrate their ability to identify, describe and explain relevant parts and the relationships between the parts and/or the whole. Candidates must be able to draw out and relate any implications.

Up to the total mark allocation for this question

- award **1 mark** for each relevant point of analysis
- award **1 mark** for any further development of a relevant point, including exemplification when appropriate.

Marking instructions for each question

Section 1

Q	uesti	on		Expected response	Max mark	Additional guidance
1.	(a)		Job Cost Statement for Job 99 ✓ Direct Materials Material X (5,000 kg @ £10 per kg) Material Y (2,500 kg @ £8 per kg) Material Z (1,000 kg @ £30 per kg)	£ £ 50,000 ✓* 20,000 (1) 30,000 (1)* 100,000	9	*1 mark for X and Z 1 mark for Y
			Direct Labour Dept A (24,000 x (3/6) @ £12) Dept B (24,000 hrs x (2/6) @£8) Dept C 24,000 x (1/6) @ £10) PRIME COST ✓	144,000 (1) 64,000 (1) 40,000 (1) 248,000 348,000		If machine hours included, maximum 1 mark awarded for correct labour figures.
			Overheads 24,000 hrs x £3 per hour	72,000 (1)	
			TOTAL COST	420,000		If VAT added before margin, award
			Profit margin (420,000/70) x 30 SELLING PRICE ✓	180,000(2 600,000)	maximum 1 mark for profit margin. If VAT shown after
			Heading, labels and arithmetic (1)			profit margin - ignore.

Questi	ion				Expected	response					Max mark	Additional guidance
(b)	(i)	Overhead Analys	is Statement	/Sheet 🗸							16	
		Overhead	Basis	Total	Dept A £	Dept B £	Dept C £	Dept D £	Dept E £	Marks		
		Indirect labour	Allocated	£81,800	£30,000	£13,100	£18,700	£12,300	£7,700	1 (line)		
		Depreciation of machinery	Value	£72,000	18,000	16,000	24,000	8,000	6,000	(3)		lf 1 arithmetic
		Heat and light	Area	£104,000	40,000	20,000	34,000	6,000	4,000	(3)		error award marks, if 2
		Factory admin	Employees	£9,000	4,000	1,600	2,400	400	600	(3)		errors award 1 mark, if 3
		Machinery running costs	Mach Hrs	£150,000	54,000	51,000	36,000	6,000	3,000	(3)		or more errors award 0 marks in
		Rent and rates	Area	£26,000	10,000	5,000	8,500	1,500	1,000	(3)		any one line
		Total Departme Overheads	ental	£442,800	£156,000	£106,700	£123,600	£34,200	£22,300	✓		
	(ii)	Dept D	Dir Lab Hr		15,000	7,200	10,800	(34,200)	1,200	(3)	3	
					£171,000	£113,900	£134,400	-	£23,500			
	(iii)	Dept E	Dir Mch Hr		9,000	8,500	6,000		(23,500)	(2)	3	If 1
		Total Productio	on Dept Over	heads	£180,000	£122,400	£140,400			✓		arithmetic error award
		Correctly heade production depa				r departmen	t overheads	in (b)(i) an	d	(1)		mark, if 2 or more errors award 0 marks.

Qı	Jesti	on		E	xpect	ed respons	e					Max mark	Additional guidance
	(c)	(i)	Overhead absorption rates Dept A - £180,000/50,000 = £3.60 Dept B - £122,400/34,000 = £3.60 Dept C - £140,400/36,000 = £3.90	per machine	e hour	(1)						3	If £ missing, do not award first mark only.
		(ii)										5	
				А		В		С		TOTAL	Marks		* Increase or
			Overheads applied (dept rates)	£43,200	(1)	£45,360	(1)	£15,600	(1)	£104,160			decrease must be
			Factory-wide basis							£72,000	(1)		indicated to gain final
			Increase *							£32,160	(1)		mark.
	(d)		If overheads are underabsorbed, the not cover all of the costs incurred				•	• •	ce cha	rged to cus	tomers may	1	

	Questi	ion		Ex	pected response			Max mark	Additional guidance
2.	PART	A						9	
	(a)	(i)	Year 10	Product A	Product B	Product C			If hours worked out
			Machine hours per unit	3	4	2			for each product but
			Current sales demand	1,000	4,000	3,500			not totalled, or if an arithmetic error
			Total machine hours	3,000	16,000	7,000	26,000 (2)		award 1 mark.
		(ii)	Contribution per unit	Product A	Product B	Product C	Total		
			Selling Price	£120	£90	£106			
			Less Variable Costs -						
			Materials	£15	£9	£12 (1)			
			Labour	£36	£12	£36 (1)			
			Variable Overheads	£15	£5	£15 (1)			
				£66	£26	£63			If an arithmetic error award 1 mark.
			Contribution per unit	£54	£64	£43 (1)			
		(iii)	Total Contribution	£54,000	£256,000	£150,500	£460,500 (2)		
			Less Fixed Costs				£70,000 (1)		
			Profit				£390,500		

uesti	on			Expe	cted response			Max mark	Additional guidance
(b)	(i)	Year 11 Capacity at Year 10 80%			26,000	hours		9	If no attempt to use limiting factor then
		100% capacity (26,000/80 x 100))		32,500	hours ((1)		award marks for correct hours (i) and
			Product A	Pro	oduct B	Product C			fixed costs and
	(ii)	Contribution per unit	£54·00		£64·00	£43·00			profit (iii).
		Machine hours per unit	3		4	2			If 1 error awa
		Contribution per machine hour	£18·00		£16.00	£21·50 ((2)		1 mark.
		Order of Priority	2		3	1			
		Allocation of machine hours:	Qty	н	rs per unit	Total	Hours remaining		
		Hours available at full capacity	کری			Total	32,500		
		Allocate Product C	5,000		2	10,000	22,500		
		Allocate Product A	4,000	(1)	3	12,000	10,500		
		Possible production of Product B (10,500/4)		(2)	4	10,500			
			Produ	ict A	Product B	Product C	Total		*2 marks for
	(iii)	Contribution per unit		£54	£64	£4	43		total
		Number of units		4,000	2,625	5,00	00		contribution, any incorrect
		Total Contribution	£2	16,000	£168,000	£215,00	00 £599,000 (2)*		contribution f
		Less Fixed Costs					£80,500		individual product, awa
	(iv)	Profit					£518,500 (1)		1 mark.

Juestion			Expected response			Max mark	Additional guidance
(C)	Year 12 Proposal	Durchast				6	If no attemp to use
		Product					limiting
	Revised Contribution per unit		£51 (1)				factor in (b then award
	Revised Contribution per m/hr		£17				marks for
	Order of Priority	C, A, B					revised contributio per unit an total
	Allocation of machine hours Hours available at full	Qty	Hrs per unit	Total	Hours remaining		contributio for Product and the fix costs and
	capacity				32,500		profit -
	Allocate Product C	5,000	2	10,000	22,500		maximum 3 marks.
	Allocate Product A	4,400	3	13,200	9,300		illai ks.
	Possible production of Product B (9300/4)	2,325	(2) 4				
		Product A	Product B	Product C	Total		
	Contribution per unit	£51	£64	£43			
	Number of units	4,400	2,325	5,000			
	Total Contribution	£224,400	(1) £148,800 (1)	£215,000	£588,200		
	Less Fixed Costs				£80,500		
	Profit				£507,700 (1)		

Question		Expected response			Max mark	Additional guidance
	ALTERNATIVE SOLUTIONS					
	Product A new Contribution	£51		(1)		
	Contribution per machine hour	£17				
	Additional Contribution for 400 units of A	400 x £51 or * 1,200 x £17	20,400	(1)		
	Reduction in Contribution from 4,000 units of A		12,000	(1)		
	Reduction in Contribution from B	*1,200 (1) hours x £16 or 300 units x £64	19,200	(1)		
	Original Profit		518,500		-	
	Reduction	(+20,400-12,000-19,200)	10,800			
	Revised Profit		507,700	(1)]	
	2					
	Product A new Contribution	£51		(1)		
	Loss of Contribution from Product A	4000 units x £54	216,000	(1)	-	
	Increase in Contribution from revised Product A	4400 units x £51	224,000	(1)		
	Reduction in Contribution from B	1,200 (1) hours x £16 or 300 units x £64	19,200	(1)		
	Original Profit		518,500			
	Reduction	(-216,000+224,000-19,200)	10,800			
	Revised Profit		507,700	(1)]	
(d)	Advise Newben plc not to implement the pr	oposal in Year 12 as the profit would be lowe	er. (1)		1	

c)uest	ion					I	Expected	response						Max mark	Additional guidance
2.	PART	- B (i)	Mixing Process	Account	. 🗸											If complete reversal or not shown as an account, award
					INPUT	S		Ol	JTPUTS			B	ALANCE		9	half marks.
			Details	Qty	CPU	£		Qty	CPU	£		Qty	CPU	£		If nomenclature
			Materials from Refining	4,000	£5	£20,000	(1)					4,000	£5·00	£20,000		error, do not award 1 mark maximum on first occasion.
			Additional Materials	2,000	£2	£4,000	(2)					6,000	£4·00	£24,000		If any quantity is
			Labour			£36,000	(1)					6,000	£10.00	£60,000		entered other than materials,
			Variable Overheads			£15,000]					6,000	£12·50	£75,000		do not award mark.
			Fixed Overheads			£6,000	(1)					6,000	£13·50	£81,000		Normal loss must
			Normal Loss					300	£4·00	£1,200	(1)	5,700	£14·00	£79,800		be based on input material
			Closing Work- in-progress					500	£3·60	£1,800	(1)	5,200	£15·00	£78,000		quantity.
			Transfer to Stores					5,000	£15·00*	£75,000	*(2)	200	£15·00	£3,000		If CPU is calculated correctly and
			Abnormal Loss					200	£15·00*	£3,000	**	0	0	£0		applied to both Finished Goods
																and Abnormal Loss but Balance is incorrect, award 1 mark.

Qu	lestio	on				Ex	pected r	esponse							Max mark	Additional guidance
		(ii)	Abnormal Loss Accoun	<u>t √</u>											3	
			Details		INPUTS			OUT	PUTS			E	BALANCE	2		
				Qty	CPU	£		Qty	CPU	£		Qty	CPU	£		
			Transfer from Mixing	200	£15	£3,000	**(1)					200	£15	£3,000		
			Cash and Cash Equiv					200	£4·00	£800	ו			£2,200		
			Income Statement							£2,200	(1)	0	0	£0		
			Account names, runnir	ng balance	and no	arithmetio	al errors	in balar	nce colu	ımn. (1)	1					
	(b)	(i)	Process Costing consists Each process represents The output of one proce This continues until the	s a differer ess become	nt stage o es the inp	of manufac out of anot	ture. (1) ther. (1)				ount. (1)				1	
		(ii)	Normal loss is anticipate Normal loss is valued at Normal loss cannot be a	0 or scrap	value w	hereas Abi	normal lo	ss is valu					(1)		2	

Q	uesti	on	Expected respon	nse				Max mark	Additional guidance
3.	(a)	(i)	Manufacturing Account for Year Ended 31 December	(ear 3 √				13	If direct costs or
				£000		£000			factory overheads
			Opening inventory of raw materials			80	<		deducted but
			Purchase of raw materials	200	ר √				indicated as add,
			Carriage in on raw materials	3	_ (1)	203			treat as
						283			arithmetical
			Closing inventory of raw materials			60 —	(1)		error.
			COST OF RAW MATERIALS CONSUMED ✓			223			
			Add Direct Costs						If factory
			Add Direct Costs	120	(4)				overheads
			Production wages	120	(1)	125			indicated less or
			Royalties	<u><u> </u></u>	(1)	<u>125</u>			no indication and
			PRIME COST ✓			348			subtracted, award
			Add Factory Overheads						marks where
			Rates ((33 + 7) x 80%)	32	(1)				possible and
			Management salaries (60 x 75%)	45	(1)				divide by 2.
			Factory indirect labour	111	٦				
			Factory (indirect) power	10					2 marks for all 4
			Repairs to factory machinery	14					factory costs. If one cost incorrect
			Factory heat and light	23	(2)				or missing award
			Depreciation of factory machinery (630 - 200) x 20%	86	(1)				1 mark. 2 or
			Factory cleaning (30/15 x 12)	24	(1)	345			more costs
						693			missing or
			Opening inventory of work in progress			45 🦳	✓		incorrect no
						738			marks.
			Closing inventory of work in progress			15 🔳	(1)		marks.
			FACTORY COST OF PRODUCTION ✓			723	<u>, , , , , , , , , , , , , , , , , , , </u>		If labelled profit
			Profit on manufacture			277			on manufacture
			MARKET VALUE OF FINISHED GOODS 🗸			1,000	(1)		and negative
			Heading, labels, arithmetic (1)	-1	I	· 1	<u>`</u>		figure shown, ACCEPT.

Question	Expected response						Max mark	Additional guidance
(ii)	Income Statement for Year Ended 31 December Year 3 ✓ Sales revenue Cost of sales Opening Inventory of finished goods Add Market Value of finished goods Less Closing Inventory of finished goods Add: Warehouse expenses Management salaries (60 x 10%) Gross Profit ✓ Heading, label, arithmetic (1) No extraneous items across both statements (1)	47 <u>6</u>	(1)	110 1,000 1,110 <u>90</u> 1,020 5 <u>3</u>	1,950 1,073 877	✓ ✓ (1) (1)	6	If no market value used in manufacturing account, accept factory cost of production. If any item repeated across both statements do not award in correct statement.
(b)	Goods that are only part complete. (at the beginning or end of	the acc	countin	g period) (1)		1	

Q	uestic	on	Expected response	Max mark	Additional guidance
4.	(a)	(i)	Cromer plc Income Statement for year ended 31 December Year 4 \checkmark Profit for Year after Tax Add Unappropriated Profit $\begin{array}{c} 90 & \checkmark \\ \hline 36 & (1) \\ \hline 126 \end{array}$ Less Appropriations Goodwill Written Down Ordinary Dividend 15 (1) Preference Dividend 15 (1) Unappropriated Profit \checkmark $\begin{array}{c} 24 & (1) & 47 \\ \hline 79 \end{array}$	3	

Question	Expected response	Max mark	Additional guidance
(ii)	Cromer plcStatement of Financial Position as at 31 December Year 4 ✓Non-Current Assets ✓CostAgg DepNBVProperty690(30)720(1)Office Equipment300172128]Motor Vehicles18054126]1170196974		All 3 figures must be shown to gain award for property. Goodwill must be shown below NCA to gain award.
	Goodwill (20-8) $12 \\ 986$ (1)Current Assets \checkmark Trade Receivables (44-6) $38 \\ 1)$ (1)Closing Inventory $26 \\ \checkmark$ \checkmark Selling Expenses Receivable $4 \\ \checkmark$ \checkmark VAT $\frac{28}{96}$ (2)		Closing Inventory, Other Receivables and VAT for 2 marks . If only 2, 1 mark . Only 1 - 0 marks . Trade Payables, Other Payables and Corporation Tax needed for 2 marks. If only 2, 1 mark . Only 1 - 0
	Less Current Liabilities ✓Trade Payables32 ✓Admin Expenses Payables4 ✓Corporation Tax Payable30 (2)Cash & Cash Equivalents (7-24)17 (1)Working Equity13Net Assets999		marks. Value or number of shares missing award 1 mark maximum. If shares not shown first award 1 mark maximum. If Ordinary Shares 400 and Pref Shares 400 award 1 mark
	Equity 450,000 Ordinary Shares £1 each \checkmark 450 400,000 6% Preference Shares £1 each \checkmark 450 400 850Reserves Revaluation Reserve Unappropriated Profit30 \checkmark (1) 40149 999) _ (2)	maximum. Accept Bonus Shares as separate entry immediately above or below Ordinary Shares. If Share Premium 140, 160, 90 or 100 award 1 mark . If Preliminary expenses entered do
	Headings, labels, arithmetic and no extraneous items across parts (a)(i) and (ii) (1)		not award adjustment to Share Premium.

Q	uestion	Expected response	Max mark	Additional guidance
	(b)	Preference shares are part of share equity whereas debentures are non-current liabilities. (1) Preference shareholders may have voting rights whereas debenture holders do not. (1) Preference shareholders carry a fixed rate of dividend whereas debenture holders have a fixed rate of interest. (1) Preference shareholders do not guarantee a return on their investment whereas debenture finance cost must be paid. (1) Preference shares are not repayable whereas Debentures are repayable. (1) Both are long-term sources of finance. (1)	2	

[END OF MARKING INSTRUCTIONS]