

\$800/77/11 Accounting

Date — Not applicable

Duration — 2 hours 30 minutes

Total marks — 140

SECTION 1 — 80 marks

Attempt ALL questions.

SECTION 2 — 60 marks

Attempt ALL questions.

You may use a calculator.

You must show your working fully and label it clearly. You will receive no marks for any incorrect figures not supported by working.

Write your answers clearly in the answer booklet provided. In the answer booklet you must clearly identify the question number you are attempting.

Use blue or black ink.

You must leave your answer booklet on your desk; if you do not, you could lose all the marks for this paper.





## Formulae Sheet for Variance Analysis

Total Material Cost Variance	(Standard Quantity for Production × Standard Price) – (Actual Quantity used × Actual Price)
Material Price Variance	(Standard Price – Actual Price for Unit) × Actual Quantity used
Material Usage Variance	(Standard Quantity for Production – Actual Quantity used) × Standard Price
Total Labour Cost Variance	(Standard Rate × Standard Hours for Production) – (Actual Rate × Actual Hours worked)
Labour Rate Variance	(Standard Rate – Actual Rate) × Actual Hours worked
Labour Efficiency Variance	(Standard Hours for Production – Actual Hours worked) × Standard Rate
Variable Overhead Cost Variance	(Standard Hours for Production × Variable Overhead Absorption Rate) – Actual Variable Overhead Cost
Variable Overhead Expenditure Variance	(Actual Hours worked × Variable Overhead Absorption Rate) – Actual Variable Overhead Cost
Variable Overhead Efficiency Variance	(Standard Hours for Production – Actual Hours worked) × Variable Overhead Absorption Rate
Fixed Overhead Cost Variance	(Standard Hours/Units for Production × Fixed Overhead Absorption Rate) – Actual Fixed Overhead Cost
Fixed Overhead Expenditure Variance	Budgeted Fixed Overheads – Actual Fixed Overhead Cost
Fixed Overhead Volume Variance	(Standard Hours/Units for Production × Fixed Overhead Absorption Rate) – Budgeted Fixed Overheads
	2. (Actual Activity – Normal Activity) × Fixed Overhead Absorption Rate
Total Sales Revenue Variance	(Actual Selling Price × Actual Quantity) — (Budgeted Selling Price × Budgeted Quantity)
Sales Price Variance	(Actual Selling Price – Budgeted Selling Price) × Actual Quantity
Sales Volume Variance	(Actual Quantity – Budgeted Quantity) × Budgeted Selling Price

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# SECTION 1 — 80 marks Attempt ALL questions

1. The following Year 3 information is available for McTeer Ltd which makes a single product.

	Budget	Actual
Sales/Production Selling Price	60,000 units £6.50 per unit	55,000 units £6.70 per unit
Material Quantity Material Price	18,000 kg £4.90 per kg	17,000 kg £4.70 per kg
Labour Hours Labour Cost	12,600 hours £7.80 per hour	12,100 hours £96,380 in total
Variable Overheads	£2.50 per hour	£30,400 in total
Fixed Overheads	£126,000	£120,500

- Variable Overheads are recovered as a rate per direct labour hour
- Fixed Overheads are recovered as a rate per unit produced
- (a) Calculate the standard profit of actual sales.

For the following year, McTeer Ltd expands output and the following figures are available.

Year 4	Budget	Actual	Variance
Sales/Production (units)	80,000	100,000	
Selling Price	£7.00	£6.40	
DIRECT MATERIALS			
Materials Consumed (kgs)	24,000	28,000	
Total Material Cost	£102,000	£133,000	
DIRECT LABOUR			
Rate per Hour	£8.40	£8.20	
Efficiency Variance			£2,100 A
Rate Variance			£3,800 F
VARIABLE OVERHEADS			
Efficiency Variance			£700 A
Expenditure Variance			£1,800 A
FIXED OVERHEADS	£180,000	£210,000	

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[Turn over

2. Craigmuir plc specialises in selling tennis rackets in its chain of shops throughout the UK. Its trial balance at 31 March Year 2 is given below.

	£000	£000
Purchases and Revenue	19,390	32,130
Inventory at 1 April Year 1	4,500	
Finished Goods Warehouse Staff Costs	850	
Sales Staff Salaries and Commission	1,850	
Administration Salaries	3,090	
General Administration Expenses	580	
Advertising Costs	470	
Directors' Remuneration	870	
Debenture Interest paid	50	
Property Cost	15,000	
Property Depreciation at 1 April Year 1		4,500
Shop Fittings: Cost	4,000	
Shop Fittings: Depreciation 1 April Year 1		2,400
Trade Receivables and Payables	7,080	3,800
Cash and Cash Equivalents		2,080
10% Debentures — repayable Year 10		1,000
Ordinary Shares of 50p each		4,000
Share Premium Account		1,300
Retained Earnings at 1 April Year 1		5,720
Suspense Account		1,650
Ordinary Dividend paid	850	
	58,580	58,580

### Additional information

1. Inventory at 31 March Year 2 consisted of 3 models of tennis rackets valued as follows.

		Net Realisable
	Cost	Value
	£000	£000
Junior Jocko	1,320	1,760
Murray Marvel	2,080	2,480
Rafa Reliant	<u>1,800</u>	<u>1,620</u>
	<u>5,200</u>	<u>5,860</u>

#### 2. (continued)

#### Additional information continued

- 2. The Suspense Account contains 2 items that have been correctly entered in the company's Bank Account but the other entries have not yet been made.
  - The receipt of £1.5m from a new issue of 500,000 ordinary shares, which have a par value of 50p each.
  - The sale of some surplus property for £150,000 that originally cost £1m and had a net book value at the date of sale of £100,000.
- 3. The Board of Directors comprises 3 members: a Finance Director, a Sales Director and a Purchasing Director. The directors are all paid the same level of remuneration.
- 4. Included in property is land at a cost of £3,000,000. Following the advice of an independent surveyor, the Board of Directors wishes to revalue the land at £3,500,000.
- 5. The company depreciation policy is as follows.

Property (excluding land) 5% per annum on a straight line basis
Shop Fittings 15% per annum on a reducing balance basis

Depreciation on property is to be split 10% to cost of sales, 20% to administration and 70% to selling and distribution expenses.

Depreciation on shop fittings is all charged to selling and distribution expenses.

There is no depreciation charged in the year of sale.

6. Corporation tax for the year is estimated to be £1,240,000.

In accordance with IAS 1: Presentation of Financial Statements, you are required to prepare the following for Craigmuir plc.

- (a) An Income Statement for the year ended 31 March Year 2
- (b) A Statement of Retained Earnings for the year ended 31 March Year 2 3
- (c) A Statement of Financial Position as at 31 March Year 2

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# SECTION 2 — 60 marks Attempt ALL questions

#### 3. PART A

Lyall and Rogers have equity of £160,000 and £90,000, respectively, in their partnership. They have decided to end their partnership, and at this time, the current account balances are £21,800 (Cr) and £28,000 (Cr) respectively.

The value of assets and liabilities are as follows.

	£
Assets	
Property	320,000
Fittings and Equipment	40,000
Vehicles	13,300
Inventory	7,000
Trade Receivables	5,000
Cash and Cash Equivalents	3,600
Liabilities	
Trade Payables	7,100
Mortgage	62,000
Loan from Lyall	20,000

The following information relates to the dissolution of the partnership.

1. Rogers agreed to take over the following assets. Their valuations are as follows.

Fittings and Equipment	£41,000
Vehicles	£11,300
Inventory	£6,000

- 2. Proceeds from the sale of property are £306,000.
- 3. Discounts allowed are £200. Bad debts written off amount to £800.
- 4. Payments made by cheque are as follows.

Dissolution expenses	£13,300
Mortgage payment	£62,000
Loan repayment to Lyall	£20,000
Trade Payables	£6,800

- 5. Profits and losses are split in the ratio of equity invested.
- 6. Cash and Cash Equivalents represent the balance in the partnership bank account.

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### 3. PART A (continued)

You are required to:

- (a) calculate the profit or loss on dissolution attributable to both Lyall and Rogers.
- (b) show the entries necessary to record the dissolution of the partnership in
  - (i) the equity accounts of both partners
  - (ii) the firm's bank account.

## 3. PART B

Clova plc makes all its investment in 2 mutually exclusive projects. It makes all decisions based on the Internal Rate of Return.

Clova plc has calculated the following financial information.

	Year	Project A
Initial Cost		£200,000
Additional Cost	2	£10,000
Cash Inflows	1	£110,000
	2	£65,000
	3	£50,000
	4	£47,000

The cost of borrowing for the firm is 10%.

DISC	DISCOUNT TABLE (FROM 10% TO 15%)							
Prese	Present value of £1 received after n years discounted at i%							
i	10	11 12 13 14 15						
n								
1	0.909	0.901	0.893	0.885	0.877	0.870		
2	0.826	0.812	0.797	0.783	0.769	0.756		
3	0.751	0.731	0.712	0.693	0.675	0.658		
4	0.683	0.659	0.636	0.613	0.592	0.572		
5	0.621	0.593	0.567	0.543	0.519	0.497		

Project B has an Internal Rate of Return of 13.7%.

- (i) Calculate the Internal Rate of Return for Project A.
- (ii) Explain which project Clova plc should invest in.

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**4.** Johnstone plc manufactures a range of confectionery products including Red Strip chocolate bars. The following information has been made available for the production and sale of these chocolate bars.

### **Red Strip chocolate bars**

#### **Unit costs**

Variable overheads £0.15

Direct materials £0.45

Direct labour £0.20

- Selling price per box of 20 bars £30
- Normal production is expected to be 30,000 bars per month
- Fixed overheads are estimated at £6,000 per month

The following data applies to the 3 months ended 30 September Year 3.

Production (units)		Inventories hel	d (units)	Actual fixed overheads incurred	
		1 July 1,400			
July	27,000	31 July	1,800	July	£6,000
August	26,000	31 August	2,800	August	£4,200
September	31,000	30 September	· ·		£5,400

- (a) Calculate the fixed overhead absorption rate to be applied.
- (b) Calculate the sales value for the months of July to September Year 3.
- (c) Calculate the closing inventory values for each of the 3 months using Marginal and Absorption Costing.
- (d) Prepare the Absorption Costing Profit Statement for each of the 3 months July to September Year 3.
- (e) Justify the use of Marginal Costing for a business.

[END OF SPECIMEN QUESTION PAPER]

### General marking principles for Advanced Higher Accounting

Always apply these general principles. Use them in conjunction with the detailed 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 detailed 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 **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.
- (f) For explain questions, candidates must make accurate relevant points that relate cause and effect and/or make relationships clear. These points may relate to a concept, process or situation. Candidates may provide straightforward points of explanation 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 point of explanation
- award 1 mark for any further development of a relevant point, including exemplification when appropriate.
- (g) For justify questions, candidates must give good reasons for a cause of action or decision. Up to the total mark allocation for this question
  - award 1 mark for each relevant statement or opinion
  - award marks for any further development of a relevant statement or opinion.
- (h) 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 and/or analyse data.

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.

(i) For discuss questions, candidates must make points that communicate issues, ideas or information about a given topic or context that make a case for and/or against. Candidates do not always need to give both sides of the debate in their response.

Up to the total mark allocation for this question

- award 1 mark for each accurate point of knowledge that is clearly relevant
- award 1 mark for any further development of a relevant point, including exemplification when appropriate.
- (j) For **compare** questions, candidates must demonstrate knowledge and understanding of the similarities and/or differences between, for example, things, methods or choices. Candidates may include relevant theoretical concepts in their points.

Up to the total mark allocation for this question

- award 1 mark for each accurate point of analysis
- award 1 mark for any further development of a relevant point, including exemplification when appropriate.
- (k) For evaluate questions, candidates must demonstrate knowledge and understanding of the similarities and/or differences between, for example, things, methods or choices. Candidates may include relevant theoretical concepts in their points.

Up to the total mark allocation for this question

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

# Marking instructions for each question

## Section 1

Q	)uesti	ion	Ενηριτρα τριηρημοίς)			Max mark Additional guidance		
1.	(a)			£		£		8 Materials
			Sales (55,000 × £6.50)			357,500	(1)	(18,000 kg/60,000
			Materials (16,500 (1) × £4.90)	80,850	(1)			units) × 55,000 units
			Labour (11,550 (1) × £7.80)	90,090	(1)			= 16,500 standard kg.
			Variable OH (11,550 × £2.50)	28,875	(1)			
			Fixed OH (£126,000 × 55,000/60,000)	115,500	(1)	315,315		
			Standard profit of actual sales			42,185	(1)	Labour
								(12,600 hours/60,000 units) × 55,000 units = 11,550 standard hours.
								Standard profit of actual sales must be labelled for the mark. Check consequentialit

Question	Expected response(s)	Max mark	Additional guidance
(b) (i)	Total Sales Revenue Variance $ (100,000 \times £6.40) - (80,000 \times £7.00) = \\ 640,000 - 560,000 = £80,000 F (1) \\ Sales Volume Variance \\ (100,000 - 80,000) \times £7.00 = £140,000 F (1) \\ Sales Price Variance \\ (£6.40 - £7.00) \times 100,000 = £60,000 A (1) \\ Correct identification of ALL variances as favourable (F) or adverse (A) (1) $	4	Accept declaration of variances consequential to calculation.
(ii)	Material Usage Variance $ (24,000/80,000) \times 100,000 = 30,000 \text{ (1)} $ $ £102,000/24,000 = £4.25 \text{ (1)} $ $ (30,000 - 28,000) \times £4.25 = £8,500 \text{ F (1)} $ Material Price Variance $ (£4.25 - £4.75) \times 28,000 = £14,000 \text{ A (1)} $ Correct identification of ALL variances as favourable (F) or adverse (A) (1)	5	Accept declaration of variances consequential to calculation.

()IIACTION   FYNACTAC TACHONICA(C)	Max mark	Additional guidance
(iii) Fixed Overhead Cost Variance  (£180,000/80,000) × 100,000 = £225,000 (1)  £225,000 - £210,000 = £15,000 F (1)  Fixed Overhead Volume Variance  £225,000 - £180,000 = £45,000 F (1)  Fixed Overhead Expenditure Variance  £180,000 - £210,000 = £30,000 A (1)  Correct identification of ALL variances as favourable (F) or adverse (A) (1)	5	Accept declaration of variances consequential to calculation. Answer consequential on Cost Variance.

Questio	on	Expected response(s)	Max mark	Additional guidance
(c)	(i)	<ul> <li>an unexpected rise in market demand due to the product being in fashion</li> <li>competitors raise their prices, resulting in a higher demand for your product</li> <li>unexpected new contracts</li> <li>unexpected orders</li> <li>extra advertising or marketing resulting in higher sales</li> </ul>	1	Award 1 mark for any relevant point.  Answer can be the opposite as consequential on answer to (b)(i).
	(ii)	<ul> <li>price unexpectedly raised by suppliers (must indicate that price rise was unexpected)</li> <li>shortage of materials has raised prices</li> <li>buying better quality materials</li> <li>higher than expected inflation</li> <li>not taking advantage of bulk buying</li> <li>ordering smaller quantities of materials</li> </ul>	1	Award 1 mark for any relevant point.  Answer can be the opposite as consequential on answer to (b)(ii).
	(iii)	<ul> <li>an unexpected rise in costs, for example rent</li> <li>additional advertising or marketing costs to boost sales</li> <li>new machinery purchased which has led to higher depreciation</li> </ul>	1	Award 1 mark for any relevant point.  Answer can be the opposite as consequential on answer to (b) (iii).

C	Question		Expected response(s)	Max mark	Additional guidance
	(d)	(i)	Labour Rate Variance = (Standard Rate - Actual Rate) × Actual Hours worked  Actual Hours worked = Labour Rate Variance (Standard Rate - Actual Rate)  £8.40 - £8.20 = £0.20 (1) £3,800/£0.20 = 19,000 hours (1)	2	
		(ii)	Labour Efficiency Variance = (Standard Hours for Production - Actual Hours worked) × Standard Rate  Standard Hours for Production = Actual Hours worked - Labour Efficiency Variance  Standard Rate  £2,100/£8.40 = 250 (1)  19,000 - 250 = 18,750 hours (1)	2	Answer is consequential on answer to (d)(i).
		(iii)	18,750/100,000 × 80,000 = 15,000 hours	1	Answer is consequential on answer to (d)(ii).

Q	uestion	Expected response(s)	Max mark	Additional guidance
	(iv	Variable Overhead Efficiency Variance = (Standard Hours for Production – Actual Variable Overhead Absorption Rate  Variable Overhead Absorption Rate = Variable Overhead Efficiency Variation (Standard Hours for Production – Actual Hours, 18,750 – 19,000 = 250 (1)  £700/250 = £2.80 (1)	ance	Answer is consequential on answers to (d)(i) and (ii).
	(v	Variable Overhead Expenditure Variance = (Actual Hours worked × Variable Overhead) - Actual Variable Overhead Cost  Actual Variable Overhead Cost = (Actual Hours worked × Variable Overhead Absolution Variable Overhead Expenditure Variance  19,000 × £2.80 = £53,200 (1)  £53,200 + £1,800 = £55,000 (1)		Answer is consequential on answer to (d)(iv).
	(v	15,000 × £2.80 = £42,000	1	Answer is consequential on answers to (d)(iii) and (iv).

Quest	Question		Expected response(s)	Max mark	Additional guidance	
(e)	(i)	•	There may be a favourable Material Price Variance due to poorer quality material being used (ID). This may result in a high wastage level, leading to an adverse Material Usage Variance (EXP).  (Note: answer may be vice versa — explaining adverse Material Price Variance and favourable Material Usage Variance)	1	Award <b>1 mark</b> for any relevant point.	
	(ii)	•	There may be an adverse Material Usage Variance due to machine breakdowns or high levels of breakages or high wastage (ID). This may result in more time for production, leading to an adverse Labour Efficiency Variance (EXP).  (Note: answer may be vice versa — explaining 2 favourable variances)	1	Award 1 mark for any relevant point.	
	(iii)	•	There may be an adverse Labour Rate Variance due to higher quality (more expensive) workers being hired (ID). This may result in increased efficiency, causing a favourable Variable Overhead Efficiency Variance (EXP).  (Note: answer may be vice versa — explaining favourable Labour Rate Variance and adverse Variable Overhead Efficiency Variance)	1	Award 1 mark for any relevant point.	
(f)		•	standards can become outdated and unrepresentative changes can occur in production methods, machinery, labour rates or efficiency the time and cost of constantly updating standards could mean they are not up to date fluctuations in the value of money or inflation data for standards could be misleading if the information is not collected accurately existing standards may not reflect the current or near-future situation staff may have manipulated the data, to ensure favourable variances	2	Award 1 mark for any relevant point.	

Q	uestion	Max mark	Additional guidance				
2.	(a)	Craigmuir plc Income Statement for the year ended 31	17	The table below shows detailed working for these figures and allocation of specific			
			£000				marks.
		Revenue	32,130	(1)			
	Cost of Sales ( <u>19,215</u> ) (see working below ◆) (3)						
		Gross Profit	12,915				
		Selling and Distribution Expenses (S & D)	(4,085)	(see working below *) (3)			
		Administration Expenses	( <u>4,070</u> )	(see working below Ø) (6)			
		Profit from Operations	4,760				
		Gain on Sale of Property	<u>50</u>	150 (1) - 100 (1)			
		Profit before Finance Costs	4,810				
		Finance Costs	( <u>100</u> )	$(10\% \times 1,000)$ (1)			
		Profit before Tax	4,710				
	Tax ( <u>1,240</u> )		(1)				
		Profit for the Year	3,470				

Question	Expected response(s)								Additional guidance			
	Detailed working for question	Detailed working for question 2(a)										
		Cost of Sales ♦		S & D *		Admin Ø						
		£000		£000		£000						
	Purchases	19,390	[ (1)									
	Opening Inventory	4,500	] ` ` ′									
	Staff Costs: FG warehouse	,		850	] (1)							
	Staff Costs: Sales			1,850								
	Staff Costs: Administration			Í		3,090	] (1)					
	General Administration					580	]					
	Advertising			470	(1)							
							For correct					
	Directors' Remuneration	290		290		290	split across ALL 3					
							categories (1)					
		•				•	£15,000 -					
	Depreciation: Property (net or	f land)					£3,000 (1)					
							= £12,000					
							(£12,000 -					
	Value (net of disposed asset)						£1,000) (1) ×					
		T	I	T	1	1	5% (1) = £550					
							For correct					
		550 ×		550 ×		550 ×						
	Depreciation: Property	10% = 55		70%		20%						
				= 385		= 110	expense areas					
	D :			2.40	(4)		(1)					
	Depreciation: Shop Fittings		(4.320	240	(1)							
	Closing Inventory	5,020	(1,320 + 2,080) (1) + 1,620 (1)									
		19,215	1,020 (1)	4,085		4,070						

(	Question		Max mark	Additional guidance				
2.	(b)	Craigmuir plc					3	
		Statement of Retained Earning						
			£000					
		Opening Retained Earnings	5,720 (1)					
		Profit for the Year	3,470 (1)					
		Dividends Paid	( <u>850</u> ) (1)					
		Closing Retained Earnings	8,340					
	(c)	Craigmuir plc					20	
		Non-Current Assets		£000		£000		
		Property	See working below (5)	10,350				
		Shop Fittings	4,000 (1) - (2,400 + 240) (1)	1,360				
		Shop i ictings	1,000 (1) (2,100 · 210) (1)	1,500		11,710		
		Current Assets						
		Inventory		5,020	(1)			
		Trade Receivables		7,080	(1)	12,100		
		Total Assets				23,810		
		Current Liabilities						
		Trade and Other Payables	3,800 (1) + 50 (1)	(3,850)				
	1 1			(2, 000)	(1)			
		Cash and Cash Equivalents		(2,080)	(1)			

Question		Expect	ed response(s	)			Max mark	Additional guidance
	Non-Current Liabilities							
	10% Debentures Year 10				(1,000)	(1)		
	Total Liabilities				(8,170)			
	Net Assets				15,640			
	Equity							
	Ordinary Shares	4	,000 (1) + 250	(1)	4,250			
	Share Premium Account	1,30	00 (1) + 1,250	(1)	2,550			
	Retained Earnings				8,340	(1)		
	Revaluation Reserve Account				<u>500</u>	(1)		
	Total Equity				15,640			
	Detailed working for question 2		Be aware of consequentiality.					
	Property	Cost	Acc Dep	NBV				
		£000	£000	£000				# ALL figures in this line must be correct to
	1 April Year 1	12,000	(4,500)	7,500		(1)#		award a mark.
	Disposal	(1,000)	900	(100)		(1)#		
	Depreciation		(550)	(550)		(1)#		
	31 March Year 2	11,000	(4,150)	6,850				
	Land			3,500	3,000 (1) + 50	0 (1)		
	Total property value	(	5,850 + 3,500	10,350				

### Question 3 PART A

C	Questio	n	Expected response(s)						Additional guidance
	(a)	Realisation Account						7	Be aware of consequentiality for the
			Dr		Cr		Balance		'Loss of Dissolution'.
		Property	£320,000	٦			£320,000 Dr		No need for actual
		Fittings and Equipment	£40,000				£360,000 Dr		ledger account to be
		Vehicles	£13,300	(1)			£373,300 Dr		prepared.
		Trade Receivables	£5,000				£378,300 Dr		
		Inventory	£7,000	]			£385,300 Dr		
		Sale of Property			£306,000	(1)	£79,300 Dr		
		Actual Trade Receivables			£4,000	(1)	£75,300 Dr		
		Assets transferred to Rogers			£58,300	(1)	£17,000 Dr		
		Discount Received			£300	(1)	£16,700 Dr		
		Dissolution Expenses	£13,300	(1)			£30,000 Dr		
		Loss on Dissolution — Lyall			£19,200	(1)	£10,800 Dr		
		Loss on Dissolution — Rogers			£10,800	<u> </u>	£0		

Question		Max mark	Additional guidance				
(b) (i)	Equity Accounts Opening Balance Current Account Transfer of Assets Loss on Realisation Bank	<b>Lyall</b> £160,000 Cr £21,800 Cr  £19,200 Dr £162,600 Cr	£28,000 Cr £58,300 Dr	(1) (1) (1) (1)		4	Be aware of consequentiality.  No need for actual ledger account to be prepared.
(ii)	Bank Account  Balance Trade Receivables Property Dissolution Expenses Mortgage Loan Trade Payables Equity — Lyall Equity — Rogers	Dr £3,600 (1) £4,000 (1) £306,000 (1)	£62,000 £20,000 £6,800	(1) (1) (1) (1) (1)	Balance £3,600 Dr £7,600 Dr £313,600 Dr £300,300 Dr £238,300 Dr £218,300 Dr £211,500 Dr £48,900 Dr	8	Be aware of consequentiality.  Ignore balances.  Final equity figures must be from 'Equity Accounts'. Do not award mark if the figures are split 64%/36%.  No need for actual ledger account to be prepared.

### Question 3 PART B

Que	estion	Expected response(s)							Max mark	Additional guidance	
	(i)	PROJECT A								9	
		Year	Net cash in	Factor 10%	NPV	Factor 15%	NPV				
		1	£110,000	0.909	£99,990	0.870	£95,700	(1)			
		2	£55,000 (1)	0.826	£45,430	0.756	£41,580	(1)			
		3	£50,000	0.751	£37,550	0.658	£32,900	(1)			
		4	£47,000	0.683	£32,101	0.572	£26,884	(1)			
		Total present value			£215,071		£197,064				
		Less initial cost			£200,000		£200,000				
		NET PRESENT VALUE			£15,071		(£2,936)	(1)			
		INTERNAL RATE OF R	ETURN (IRR) —	PROJECT	· A						
		(1) (1) 10 + (15,071/(15,071	(	1)							
		IRR is 14.185%									
	(ii)	Project A should be supported, as the IRR is greater than that of project B. (1)							2	Award 1 mark per valid	
		The higher the IRR, the more profitable the project is likely to be. (1 dev)  While both IRR figures are greater than the cost of equity, project A is the highest. (1 dev)								explanation, up to a maximum of <b>2 marks</b> .	
								dev)		Award <b>1 mark</b> for a	
		Accept any other reasonable answer.								suitable development.	
											Be aware of consequentiality.

C	Question Expected response(s)					Max mark	Additional guidance	
4.	(a)	£6,000/30,000 units =	£6,000/30,000 units = £0.20 per unit					
	(b)	Sales Opening Inventory Production Closing Inventory Sales in bars Sales in boxes Sales value	July 1,400 27,000 1,800 26,600 1,330 £39,900	August 1,800 26,000 2,800 25,000 1,250 £37,500	September 2,800 31,000 4,000 29,800 1,490 £44,700	(#) (1) (#1) (2*) (2*) (1 line)	7	# Award 1 mark for correct entry of ALL opening and closing inventory figures.  * Award 1 mark for July and 1 mark for replication (August and September).
	(c)	August $- \times 2,800 = £2,$ September $- \times 4,000 =$ Absorption Costing July $- (0.15 + 0.45 $	July $-(0.15 + 0.45 + 0.20) \times 1,800 = £1,440 (*1 + 1)$ August $- \times 2,800 = £2,240$ September $- \times 4,000 = £3,200 (**1)$					

Question		Max mark	Additional dilidance				
(d)	Sales Opening Inventory Variable Cost F/O Absorbed	July £ 39,900 (1) 1,400 21,600 5,400	August £ 37,500 1,800 20,800 5,200	September £ 44,700 2,800 24,800 6,200	(1 line) (#) (2*) (2*)	13	Award 1 mark for the July opening inventory entry being correct.  # Award 1 mark for ALL other opening and closing inventory entries being correct.
	Closing Inventory Total Costs Profit Over/Under Absorption Profit	1,800 26,600 13,300 (600) 12,700	2,800 25,000 12,500 1,000 13,500	4,000 29,800 14,900 800 15,700	(1#) (1 line) (1 line @) (3**) (1 line @)		* Award 1 mark for calculation of July, 1 mark for replication (August and September).  @ must be labelled.  ** Award 1 mark for calculation of July, and 1 mark for replication (Aug and Sept). Award final mark where under/over absorption is clearly shown for ALL 3 months. Accept separate line stating under or over or use of () or - symbol within calculations.

Question	Expected response(s)	Max mark	Additional guidance	
(e)	<ul> <li>easier to understand than absorption costing</li> <li>useful for management and pricing policies</li> <li>unit cost does not vary with level of activity, as with absorption of fixed costs</li> <li>adjustment for over/under absorption of fixed costs is unnecessary</li> <li>contribution is a good basis for short-term decision making, for example, what product mix to produce, whether to accept a special order, make or buy decisions</li> </ul>		Award 1 mark per valid justification, up to a maximum of 3 marks.	

[END OF SPECIMEN MARKING INSTRUCTIONS]

Published: September 2025

# Change since last published:

Change in the Formulae sheet.

Change to the responses to Question 1(b)(iii) in marking instructions.

Review of the housestyle guideline throughout the document.