

QUESTION 1

The following are the summarised statements of H ltd and S ltd at 31 December 2024. H ltd acquired S ltd on 1 January 2023 when S ltd had the following: General reserves \$4000 and Retained Earnings \$1000.

ASSETS	H ltd	S ltd
Non current Assets	30000	60000
Investment in S ltd (80000 shares)	100000	-
Current Assets including debtors	140000	134000
	<u>270000</u>	<u>194000</u>
EQUITY AND LIABILITIES		
Ordinary share capital (\$1 shares)	200000	80000
General Reserve	10000	16000
Retained Earnings	20000	8000
Current liabilities (including creditors)	40000	90000
	<u>270000</u>	<u>194000</u>
Statement of comprehensive Income for the year ended 31 December 2024		
Net operating Income	100000	60000
Dividend from S ltd (proposed)	12000	-
Rent received	8000	6000
	120000	66000
Finance costs	(40000)	(30000)
Profit before taxation	80000	36000
Taxation	(32000)	(16000)
Profit after Tax	48000	20000
Transfer to General Reserve	-	(4000)
Ordinary dividends	(38 000)	(12000)
Retained Income for the year	10000	4000
Retained Income b/d	10000	4000
	<u>20000</u>	<u>8000</u>

On 31 December 2024 H ltd owed \$5000 for goods purchased from S ltd during the year.

Required:

- A consolidated statement of comprehensive Income for H ltd and its subsidiary.
- A consolidated statement of Financial Position as at 31 December 2024.
(20 marks)

QUESTION 2

The following are the financial statements of Relax limited.

Statements of Financial Position as at 31 December

ASSETS	2023	2024
Non-current Assets		
Buildings at cost	180000	288000
Less Depreciation	(60000)	(66000)
	120000	222000
Land	24000	48000
Current Assets		
Inventory	132000	48000
Accounts receivable	84000	93000
Prepayments	3900	4500
Cash	30000	36000
	393900	451500
Equity		
Share capital	180000	222000
Retained Income	75900	81900
	255900	303900
Current liabilities		
Accounts payable	120000	117000
Accrued expenses	12000	24000
Provision for tax	6000	6600
	393900	451500

Additional Information

The company sold some of the buildings during the year. The cost price was \$36000. The building had a net book value of \$12000.

Income statement for the year ended 31 December 2024

Gross profit	150000
Profit on sale of building	6000
	156000
Operating expenses	(40000)
Depreciation	(30000)
Net profit before tax	86000
Taxation	(44000)
Net profit after tax	42000
Dividends	(36000)
Retained profit for the year	<u>6000</u>

Required:

Prepare the company's statement of Cash flows for the year ended 31 December using the indirect method in compliance with IAS7. (20 marks)

QUESTION 3

A company issued 100000 ordinary shares of \$1 each at a price of \$1.50. The company had already issued 400000 ordinary shares of \$1 each fully paid. The 100000 ordinary shares were issued as follows:

- a) 75 cents per share on application including premium
- b) 25 cents per share on allotment
- c) 25 cents per share on the First Call
- d) 25 cents per share on the second call.

Applications were received for 150000 ordinary shares and the directors decided to allot shares to applicants for 125000 shares on the basis of four (4) shares for every five (5) for which applications were received. The balance of the money received being applied to the amount due on allotment.

Monies due to unsuccessful applicants were returned to them. All monies were received with the exception of a holder of 1000 shares who failed to pay for the first and second call. The 1000 shares were duly forfeited and later reissued to another member at a price of \$1.25 each.

Required:

- | | |
|--|------------|
| a) Bank A/c | (3½ marks) |
| b) Ordinary share Applications and Allotment A/c | (3 marks) |
| c) Ordinary share capital A/c | (4 marks) |
| d) Ordinary share premium A/c | (2 marks) |
| e) First call A/c | (2 marks) |
| f) Second call A/c | (1½ marks) |
| g) Forfeited shares A/c | (2½ marks) |
| h) Reissue of shares A/c | (1½ marks) |
| | (20 marks) |

QUESTION 4

Allan and Bonny are in partnership sharing profits and losses in the ratio 5:4. At 31 December 2024 their statement of financial position was as follows:

Statement of financial position as at 31 December 2024

Assets		
Non-Current assets		
Land and buildings		50000
Motor vehicles		120000
Furniture		15000
		185000
Current Assets		
Inventory	40000	
Accounts receivable	30000	
Bank	10000	
		80000
EQUITY AND LIABILITIES		265000
Capital: Allan	100000	
Bonny	80000	180000
Non-current liabilities		
Loan from ZB		55000
Current liabilities		
Accounts payable		30000
		265000

Allan and Bonny decided to expand their business but realised that they did not have enough capital. They then formed a company AB ltd to take over the partnership. The takeover was done on the following terms:

- All liabilities were taken over by the company.
- The assets were taken over at the following values

	\$
Land and buildings	65000
Motor vehicles	135000
Furniture	16000
Inventory	38000
Accounts receivables	30000

- The cost of dissolution amounted to \$2000.

- d) The purchase price was payable as follows: The partners were issued with 50000 ordinary shares of \$1 each, 10% debentures with \$40000 and 20000 cash.

Required:

Partnership books

- | | |
|---------------------|------------|
| a) Realisation A/c | (6 marks) |
| b) Capital Accounts | (5½ marks) |
| c) Bank A/c | (2½ marks) |

Company Books

Business Purchase A/c (6 marks)

QUESTION 5

- a) On 3 February 2024 P. Mlambo of Bulawayo consigned 240 containers of Mopane worms to K Mabuto an agent in Harare. The cost of goods was \$25 per container. P Mlambo paid the following on the consignment.

Carriage to the Airport	\$294
Warehousing charges	\$186

On 31 March 2024 P Mlambo received an Account an 'Account Sales' showing that P. Mabuto had sold 200 containers for \$20000, freight at \$2 per container and transport charges amounting to \$372. P Mabuto was entitled to a general commission of 5% on sales and a del credere of 1%. A sight draft was enclosed with the 'Account Sales'.

Required:

- | | |
|----------------------------------|-----------|
| a) Goods sent on Consignment A/c | (1 mark) |
| b) Consignment to P. Mabuto A/c | (6 marks) |
| c) Mabuto Account | (3 marks) |
- b) Describe the following measurements of elements of financial statements:
- | | |
|-----------------------|-----------|
| i) Historic cost | (3 marks) |
| ii) Current cost | (2 marks) |
| iii) Settlement value | (2 marks) |
| iv) Present value | (3 marks) |

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DEVELOPMENT**

**HIGHER EDUCATION EXAMINATIONS COUNCIL
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NATIONAL DIPLOMA

IN

BUSINESS AND MANAGEMENT STUDIES

SUBJECT: Quantitative Techniques

**PAPER NO: 500/15/S06
500/22/S06**

DURATION: 3 Hours

JUNE 2026 EXAMINATION

REQUIREMENTS

1. Non – programmable calculator
2. Formular booklet and tables
3. Graph paper.

INSTRUCTIONS TO INVIGILATOR

1. Attempt five (5) questions.
2. Show all working.
3. All questions carry equal marks.

This paper consists of 4 printed pages.

QUESTION 1

Gross profits from furniture sales from 100 shops are as shown below.

Gross profit (millions)	Number of shops
$10 \leq x < 20$	12
$20 \leq x < 30$	23
$30 \leq x < 40$	35
$40 \leq x < 50$	15
$50 \leq x < 60$	9
$60 \leq x < 100$	6

Calculate

- a) Mean (3 marks)
- b) Median (4 marks)
- c) Mode (4 marks)
- d) Semi-interquartile range (5 marks)
- e) Standard deviation for the profits made (4 marks)

QUESTION 2

- a) The probability of throwing a strike in a bowling game is $\frac{1}{5}$. Six bowlers were selected at random. What is the probability that:
 - i) All will throw strikes (3 marks)
 - ii) At least three (3) will not throw a strike (4 marks)
 - iii) None will throw a strike (2 marks)
- b) State any four (4) characteristics of the Normal distribution. (4 marks)
- c) A bus company has an average of 12 breakdowns per week. What is the probability that there are:
 - i) No breakdowns in a week (3 marks)
 - ii) More than 2 breakdowns in 2 weeks (4 marks)

QUESTION 3

The following data shows the number of garments and the amount of cloth required.

Number of garments	Cloth available in metres
45	25
28	16
34	20
42	28
34	19
30	17
42	22
39	20
24	14
32	17
20	6

- State the dependent and independent variables (2 marks)
- Fit a regression line using the least squares method (5 marks)
- Estimate the number of garments made when the cloth available is 20m. (2 marks)
- Draw a scatter plot and comment. (5 marks)
- Calculate the correlation coefficient between cloth available and the number of garments made. (6 marks)

QUESTION 4

- Determine the coordinates and nature of the turning points on the curve represented by the function
 $y = x^3 - 7,5x^2 + 18x + 6$ (10 marks)

- A company is opening a new office and identifies the main activities and dependence as follows:

Activity	Preceding Activity
1	-
2	-
3	1
4	1
5	4
6	2
7	3;5;6

Draw a network diagram for this project. (10 marks)

QUESTION 3

The following data shows the number of garments and the amount of cloth required.

Number of garments	Cloth available in metres
45	25
28	16
34	20
42	28
34	19
30	17
42	22
39	20
24	14
32	17
20	6

- State the dependent and independent variables (2 marks)
- Fit a regression line using the least squares method (5 marks)
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Activity	Preceding Activity
1	-
2	-
3	1
4	1
5	4
6	2
7	3;5;6

Draw a network diagram for this project. (10 marks)

QUESTION 5

The following data gives the amount of money charged per 2kg sugar by different shops. Ten (10) shops were selected at random as follows:

2,58; 2,35; 2,30; 2,50; 3,00; 2,15; 2,96; 2,57; 2,55; 2,60

Calculate

- Mean (3 marks)
- Standard deviation (4 marks)
- Find the 95% confidence interval for the mean price of 2kg sugar (6 marks)
- Test at 5% level of significance whether the mean price is greater than \$2.50 given that the population standard deviation is 0.25. (7 marks)

QUESTION 6

The number of visitors to a resort site were recorded over four years as follows:-

Year	Summer	Autumn	Winter	Spring
2014	3000	2000	1000	1500
2015	2900	2200	900	1200
2016	2500	2000	980	1100
2017	2100	1980	700	900

- Obtain a 3-point moving average of the number of visitors (10 marks)
- Determine the trend line of the visitors (8 marks)
- Predict the number of visitors in winter 2018 (2 marks)

QUESTION 7

The following data shows the price of each item and the average quantities purchased by an organisation each week.

Item	2015		2016	
	Quantity	Price	Quantity	Price
A	70	30	90	40
B	40	60	50	55
C	50	55	30	80
D	110	20.5	160	20.5
E	30	70	20	100

Calculate Fisher's price index (10 marks)

- A debt of \$22500 is to be repaid through amortisation over 2 years. The rate of interest is 4% per annum compounded quarterly
 - Calculate the quarterly payment applicable (4 marks)
 - Draw up the amortisation schedule (6 marks)

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NATIONAL DIPLOMA

IN

BUSINESS AND MANAGEMENT STUDIES

MODULE: Financial Accounting and Reporting 1 PAPER NO: 500/23/M02

DURATION: 3 hours

JUNE 2026 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

1. Answer all questions.
2. All solutions to be presented in acceptable format.
3. Show all workings where necessary.
4. Silent non-programmable calculators may be used.

This paper consists of 8 printed page.

QUESTION 1

ABC Ltd is registered with an authorised share capital of 300 000 ordinary shares of \$1 each. The following information was extracted from its books.

Trial Balance as at 31 March 2024

	\$	\$
Ordinary share capital		200 000
Land and buildings	170 000	
Accounts receivable	38 300	
Furniture and fittings	80 000	
Accounts payable		25 000
Inventory	45 800	
Bank	12 000	
Gross profit		98 050
Office salaries	25 000	
Accumulated depreciation furniture		32 000
Share premium		20 000
Advertising	5 000	
Bad debts	250	
Allowance for doubtful debts		600
Retained profit		12 000
Directors' fees	11 300	
	<u>387 650</u>	<u>387 650</u>

Additional information:

- The allowance for doubtful debts is to be adjusted to \$700.
- Furniture is to be depreciated at 10% on cost per annum.
- Transfer \$25 000 to the general reserve.
- The Directors proposed a dividend of 10% on ordinary shares.

Required:

- A Statement of Profit or Loss and Other Comprehensive Income for the year ended 31 October 2024. (10 marks)
- A Statement of Financial Position as at 31 October 2024. (10 marks)

QUESTION 2

The following information was extracted from the books of Ilanga Charity Club:

Receipts and payments account for the year ended 31 December 2024.

	\$		\$
Balance b/d	6 000	Purchase of beverages	13 500
Sales of beverages	30 000	Wages (Kiosk)	900
Donations received	7 500	Secretary's expenses	600
Subscriptions:		Donations to charities	6 750
2023	1 200	Stationery	300
2024	2 400	Transport costs	2 550
2025	600	Electricity for kiosk	2 500
		Groundsmen wages	1 200
		Balance	19 400
	<u>47 700</u>		<u>47 700</u>
Balance b/d	19 400		

Additional information

- The subscriptions in arrears at 31 December 2023 and 31 December 2024 were \$750 and \$1 050 respectively.
- Inventories of beverages were \$1 650 on 1 January 2024 and \$1 200 on 31 December 2024.
- On 31 December 2023 motor vehicles were valued at \$75 000 and are to be depreciated at 5% per annum.

Required:

- A subscription received account. (3 marks)
- An Income statement for beverages. (7 marks)
- An Income and Expenditures account for the year ended 31 December 2024. (10 marks)

QUESTION 3

From the information given below you are required to draw up a Statement of Cash Flows using the Indirect Method for the year ended 31 December 2018.

Given Income Statement for the year ending 31 December 2018

Gross profit		140 000
Other income		
Profit on disposal of machinery		2 000
		<u>142 000</u>
Less expenses:		
Loan interest paid	6 000	
Depreciation plant and machinery	14 000	
Other expenses	<u>130 000</u>	
		<u>150 000</u>
Net loss		<u>8 000</u>

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QUESTION 3

Statement of financial position as at 31 December 2018

	2017		2018	
ASSETS	\$	\$	\$	\$
NON-CURRENT ASSETS:				
Land and buildings		400 000		400 000
Machinery		120 000		200 000
		520 000		600 000
CURRENT ASSETS:				
Inventory	90 000		70 000	
Accounts receivable	50 000		90 000	
Cash at bank	30 000		33 000	
		170 000		193 000
		690 000		793 000
EQUITY AND LIABILITIES				
Capital		520 000		550 000
Additional capital		-		98 000
				648 000
Add net loss/profit		70 000		(8 000)
		590 000		640 000
Less drawings		(40 000)		(10 000)
		550 000		630 000
NON-CURRENT LIABILITIES				
Loan from Tanaka		100 000		80 000
CURRENT LIABILITIES				
Accounts payable		40 000		83 000
		690 000		793 000

Additional information

Machinery with a written down value of \$5 000 was disposed off during the year.

QUESTION 4

The following statement of financial position was extracted from the books of Gladys, Gertrude and Grace who have been operating as partners sharing profit and loss in the ratio 2:2:1 respectively.

Statement of Financial Position as at 31 December 2024.

ASSETS		
NON-CURRENT ASSETS:		
Premises		20 000
Plant and machinery		7 000
Motor vehicles		5 000
		32 000
CURRENT ASSETS		
Inventory	1 600	
Bank	1 400	
		3 000
		35 000
EQUITY AND LIABILITIES		
Capitals: Gladys		10 000
Gertrude		10 000
Grace		10 000
CURRENT LIABILITIES		
Trade payables		5 000
		35 000

The partners agreed to change the profit and loss sharing ratio to Gladys 2, Gertrude 3 and Grace 5. It was also decided to revalue the assets and liabilities as follows:

Premises	25 000
Plant and machinery	5 000
Motor vehicles	2 000
Trade payables	4 400

Inventory worth \$600 was said to be obsolete. Goodwill was valued at \$20 000 but it was not to be kept in the books of the partnership.

Required:

- Goodwill account (3 marks)
- Revaluation account (2½ marks)
- Partnership capital account (6½ marks)
- The statement of financial position after the change in ratios. (8 marks)

QUESTION 5

Jabulani Nkiwane owns a departmental store which sells drugs, cosmetics and photographic equipment. The following information was extracted from his books for the year to 31 December 2024.

	\$
PURCHASES	
Drugs	576.00
Cosmetics	506.00
Photographic	265.00
SALES	
Drugs	900.00
Cosmetics	1 200.00
Photographic	500.00
Salaries and wages	465.00
Sales commission	115.00
Rent and rates	140.00
Heating and lighting	37.50
Advertising	24.00
Delivery expenses	21.00
Depreciation of non-current assets	52.50
Administration and general expenses	120.00
Inventory 01/01/24:	
Drugs	134.00
Cosmetics	117.00
Photographic	160.00

Additional information:

- a) Inventory at 31 December 2024

Drugs	125.00
Cosmetics	133.00
Photographic	135.00

- b) Salaries and wages to be allocated as follows:

Drugs	146.00
Cosmetics	194.00
Photographic	125.00

- c) Sales commission is to be apportioned in the ratio of the turnover for each department.

- d) Rent and rates, heating and lighting are to be apportioned in the ratios: Drugs 3, Cosmetics 4 and Photographic 3.
- e) All other expenses are to be apportioned equally among the departments.

Required:

Prepare a Departmental Statement of Profit or Loss and Other Comprehensive Income for the year ended 31 December 2024. (20 marks)

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NATIONAL DIPLOMA

IN

BUSINESS STUDIES

MODULE: Managerial Economics

PAPER NO: 500/23/M10

DURATION: 3 Hours

JUNE 2026 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

1. Answer any five (5) questions.
2. All questions carry equal marks.

This paper consists of 3 printed pages.

This paper consists of 7 printed pages.

QUESTION 1

Describe the nature and scope of managerial economics.

(20 marks)

QUESTION 2

Distinguish between:

- a) Direct and indirect costs.
- b) Explicit and implicit costs.
- c) Opportunity and historic costs.
- d) Relevant and irrelevant costs.

(5 marks)

(5 marks)

(5 marks)

(5 marks)

QUESTION 3

- a) Define the term cost forecasting.
- b) In the context of cost forecasting, explain the following:
 - i) Time series regression technique.
 - ii) Delphi method.
 - iii) Extrapolation technique.

(2 marks)

(6 marks)

(6 marks)

(6 marks)

QUESTION 4

- a) With the aid of a diagram, describe the four stages of the product life cycle.
- b) Discuss appropriate pricing strategies and promotional strategies at each stage of the product life cycle.

(12 marks)

(8 marks)

QUESTION 5

Two projects have the following expected cashflows:

Year	Project A	Project B
0	(250 000)	(250000)
1	90 000	50 000
2	90 000	75 000
3	90 000	100 000
4	90 000	150 000

The discount rate is 16%

Required

- a) Calculate each project's payback period. (6 marks)
- b) i) Calculate each projects Net Present Value (NPV). (12 marks)
- ii) Basing on each project's NPV, which project should be selected. (2 marks)

QUESTION 6

- a) Define the term "economic growth" (2 marks)
- b) Discuss six (6) challenges hindering economic growth in developing countries such as Zimbabwe. (18 marks)

QUESTION 7

- a) Discuss four (4) functions of the IMF. (12 marks)
- b) Explain four (4) criticisms levelled against IMF. (8 marks)

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NATIONAL DIPLOMA

IN

BUSINESS AND MANAGEMENT STUDIES

SUBJECT: Financial Accounting 1

**PAPER NO: 500/15/S03
500/22/S03**

DURATION: 3 Hours

JUNE 2026 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

1. Answer all questions.
2. Present your work in an acceptable format.
3. Show all workings where necessary.
4. Silent non programmable calculators may be used.

This paper consists of 7 printed pages.

PAPER NO: 500/15/S03 - FINANCIAL ACCOUNTING 1

QUESTION 1

The following details were taken from the books of Chazezesa for the year ending 31 December 2024.

Bought / Purchases

January 120 units at \$16 each

April 80 units at \$18 each

October 150 units at \$19 each

Sales / sold

June 125 units at \$22 each

November 210 units at \$22 each

Required: -

- (a) Determine the closing inventory in trade that would be shown using: -
- (i) FIFO – First In First Out (5 marks)
 - (ii) LIFO – Last In First Out (5 marks)
 - (iii) AVCO – Average cost (5 marks)
- (b) Comparative trading accounts (5 marks)

QUESTION 2

Love Ltd has an authorised share capital comprising 250 000 ordinary shares of \$1 each and 62500 6% preference shares of \$10 each. The trial balance as at 31 December 2024 was as follows:

	\$	\$
Ordinary share capital		1 000 000
6% preference share capital		375 000
5% debentures		125 000
General reserves		62 500
Retained income		37 500
Share premium		50 000
Accounts payable		75 000
Gross profit		1051875
Motor vehicle	375 000	
Land and buildings	562 500	
Plant and machinery	250 000	
Inventory	312 500	
Preliminary expenses	25 000	
Bank	250 000	
Debenture interest	3125	
Director's fees	225 000	
Salaries	300 000	
General expenses	75 000	
Interim dividends - ordinary	37 500	
- Preference	11250	
Auditor's fees	12500	
Investment	<u>337 500</u>	
	<u>2 776 875</u>	<u>2 776 875</u>

Additional information: -

1. Provide 10% depreciation on plant and machinery and motor vehicles
2. Transfer \$37500 to general reserves
3. Write off preliminary expenses amounting to \$6250.

4. Provide for a final dividend of 12% on ordinary shares.

Required: -

- (a) Statement of profit or loss and other comprehensive income for the year 31 December 2024. (6 marks)
- (b) Statement of changes in equity for the year ending 31 December 2024. (4 marks)
- (c) Statement of financial position as at 31 December 2014. (10 marks)

QUESTION 3

Shown below are the statements of comprehensive and financial position for Dhidhi who has been increasingly concerned by his worsening bank balance which has fallen by \$3400.

STATEMENT OF COMPREHENSIVE INCOME FOR THE YEAR ENDING 31 DECEMBER

	2023 (\$)	2024 (\$)
Sales	24 000	27000
Less : Cost of goods sold	18 000	18 000
Gross profit	6000	9000
Less: Expenses (depreciation included)	2500	3000
Net profit	3500	6000

STATEMENT OF FINANCIAL POSITION AS AT 31 DECEMBER

	2023 (\$)	2024 (\$)
Assets		
Property at cost	8000	8 000
Plant at cost	11000	12500
Provision for depreciation - plant	(7000)	(8600)
Inventory	7500	10 000
Accounts receivable	3000	5000
Bank	3500	100
Total assets	26 000	27 000
Capital and liabilities		
Capital	22500	21000
Net profit	3500	6000
Drawings	(5000)	(5500)
Loan		2500
Accounts payable	5000	3000
Total capital and liabilities	26 000	27 000

Additional information

- The plant sold during the year had a book value of \$400 and an original cost of \$1000.
- Profit realised on disposal was \$300.

Required: -

Prepare a statement of cash flows for the year ended 31 December 2024, using direct method.

QUESTION 4

(20 marks)

Love and Hate have been in a partnership for many years sharing profit and losses in the ratio 3:2 respectively. The following was their statement of financial position as at 31 December 2024.

Assets	\$
Goodwill	2000
Plant and machinery	1800
Inventory	1960
Accounts receivable	2130
Bank	90
Total assets	7980
Capital and liabilities	
Capital - Love	4000
- Hate	3000
Accounts payable	980
Total capital and liabilities	7980

On 1 January 2015 they decided to admit Loveable as a partner on condition that he contributed \$2000 as has capital. The plant and machinery and inventory should be revalued at \$2 000 and \$1 900 respectively, other assets, except goodwill, remaining at their book values. The goodwill was agreed to be valueless

Required to show: -

- (a) (i) Goodwill account (2 marks)
- (ii) Revaluation account (5 marks)
- (iii) Capital account (6 marks)
- (b) Statement of financial position. (7 marks)

QUESTION 5

Dynamos Football Club has the following summary of the receipts and payments for the year 31 December 2024.

Receipts		Payments	
Balance b/d	13800	Payments to bar supplies	150 000
Subscriptions	67 200	Rates and water	22 600
Bar sales	200 000	Electricity	25300
		General expenses	33 800
		Insurance	18 000
		Balance c/d	31 300
	281 000		281 000
Balance b/d	31 300		

The club's statement of financial position as at 31 December 2023.

Assets	\$	Accumulated fund and liabilities	
Club house	500 000	Accumulates fund	740 000
Equipment	230 000	Bar creditors	19 000
Bar stocks	14 000	Subscriptions in advance	1500
Subscriptions in arrears	2700		
Bank	13800		
	760 500		760 500

Additional information available on 31 December 2024: -

- (i) Arrears of subscriptions shown in the last statement of financial position have all been received.
- (ii) Subscriptions in arrears at the end of 2024 amounted to \$1 900.
- (iii) Bar creditors amounted to \$21 000
- (iv) Equipment is to be depreciated by \$15 000
- (v) Amount owing for electricity was \$9000
- (vi) Bar sticks were valued at \$16 800

Required

- (a) The bar trading account for the year ended 31 December 2024.
- (b) The income and expenditure account for the year ended 31 December 2024.

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ZIMBABWE

**MINISTRY OF HIGHER AND TERTIARY EDUCATION,
INNOVATION, SCIENCE AND TECHNOLOGY
DEVELOPMENT**

**HIGHER EDUCATION EXAMINATIONS COUNCIL
(HEXCO)**

NATIONAL DIPLOMA

IN

BUSINESS AND MANAGEMENT STUDIES

MODULE: Business Research Methods PAPER NO: 500/23/M13

DURATION: 3 Hours

JUNE 2026 EXAMINATION

REQUIREMENTS

- 1) Scientific calculator.
- 2) Graph paper.
- 3) Formulae list.

INSTRUCTIONS TO CANDIDATE

- 1) Answer any five (5) questions.
- 2) All questions carry equal marks.
- 3) Each question to start on a new page.

This paper consists of 3 printed pages.

PAPER NO: 500/23/M13-BUSINESS RESEARCH METHODS

QUESTION 1

- a) Define the following terms as they are applied in research:
- i) Hypothesis (2 marks)
 - ii) Questionnaire (2 marks)
 - iii) Sampling (2 marks)
 - iv) Census (2 marks)
 - v) Secondary data (2 marks)
- b) Describe five (5) principles to be considered in questionnaire design. (10 marks)

QUESTION 2

- a) State and explain two (2) merits and two (2) demerits of using telephone interviews as a means of collecting primary data. (8 marks)
- b) Describe the four (4) levels of measurement. (12 marks)

QUESTION 3

- a) Describe any five (5) characteristics of a good research. (10 marks)
- b) State and explain three (3) advantages and two (2) disadvantages of primary data in research. (10 marks)

QUESTION 4

- a) Describe any five (5) characteristics of scientific research. (10 marks)
- b) Explain five (5) reasons why a researcher may prefer using a sample instead of the whole population. (10 marks)

QUESTION 5

- a) Define the term research design (2 marks)
- b) Write brief notes to explain the following research designs:
- i) Exploratory (4 marks)
 - ii) Experimental (4 marks)
- c) Describe any five (5) characteristics of quantitative research. (10 marks)

QUESTION 6

- a) When an organisation engages a researcher to carry out a research, they always request a research proposal. Explain five reasons why management always require the research proposal before the research commences. (10 marks)
- b) The 2024 enrolment figures for a polytechnic were as given in the table below:

COURSE	LEVEL		
	NC	ND	HND
Accountancy	160	90	50
Banking	120	70	40
HRM	90	50	30
Purchasing	180	100	70

Present the data on a

- i) Multiple bar chart
- ii) Component bar chart (10 marks)

QUESTION 7

A company monitored the amount of business generated by 76 of its sales representatives and the following results were obtained:

Sales	No of sales representatives
0-<50	4
50-<100	11
100-<150	22
150-<200	16
200-<250	15
250-<300	8

- a) Calculate:
- i) Mean sales values (3 marks)
- ii) Median sales values (4 marks)
- iii) Modal sales values (4 marks)
- iv) Standard deviation of sales values (5 marks)
- b) Determine the Pearson's coefficient of skewness and comment. (4 marks)
-/fk



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(HEXCO)**

NATIONAL DIPLOMA

IN

BUSINESS AND MANAGEMENT STUDIES

**SUBJECT: Cost and Management Accounting 1 PAPER NO: 500/15/S09
500/22/S09**

DURATION: 3 hours

JUNE 2026 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

- 1) Answer all questions.
- 2) Show all relevant workings.
- 3) A silent non-programmable calculator may be used.
- 4) Begin each answer to a new question on a fresh page.

This paper consists of 6 printed pages.

QUESTION 1

- a) Briefly explain the following terms:
- i) Step fixed costs. (2 marks)
 - ii) Variable costs. (2 marks)
 - iii) Mixed costs (2 marks)
- b) Determine the economic order Quantity (EOQ) when demand is 25 units per working day, ordering costs are \$150 per order, item costs \$3 each and carrying costs are 12% of item costs per annum. There are 250 working days in a year. (4 marks)
- c) The following information relates to Mudiwa Ltd:

Average usage	100 units/day
Minimum usage	60 units/day
Maximum usage	130 units/day
Lead time	20-26 days
Economic order quantity	400 units

Required to calculate:

- i) Re-order level (2 marks)
 - ii) Minimum stock level (2 marks)
 - iii) Maximum stock level (2 marks)
 - iv) Average stock level (2 marks)
- d) An employee earns \$250 per hour. Overtime is paid based on a time and half. During a particular week, he worked 45 hours including 5 hours overtime. Calculate his earnings for the week. (2 marks)