



UNIVERSITI KUALA LUMPUR
Malaysian Institute of Marine Engineering Technology

FINAL EXAMINATION
OCTOBER 2025 SEMESTER SESSION

SUBJECT CODE : LGB23003 / LOB20903

SUBJECT TITLE : MANAGEMENT ACCOUNTING AND FINANCE

PROGRAMME NAME : BACHELOR IN MARITIME OPERATIONS (HONOURS)
(FOR MPU: PROGRAMME LEVEL)

TIME / DURATION : 2.00 PM - 5.00 PM
(3 HOURS)

DATE : 26 JANUARY 2026

INSTRUCTIONS TO CANDIDATES

1. Please read **CAREFULLY** the instructions given in the question paper.
2. This question paper has information printed on both sides of the paper.
3. This question paper consists of **TWO (2)** sections; Section A and Section B.
4. Answer **ALL** question in Section A. For Section B, answer **THREE (3)** questions **ONLY**.
5. Please write your answers on this answer booklet provided.
6. Answer **ALL** questions in English language **ONLY**.
7. Formula and Discount Table have been appended for your reference.

THERE ARE 8 PAGES OF QUESTIONS, EXCLUDING THIS PAGE.

SECTION A (Total: 40 marks)

INSTRUCTION: Answer ALL questions.
Please use the answer booklet provided.

Question 1

The Manager of East Blue Trader Sdn Bhd has appointed you to prepare the account and take up the necessary adjustments before finalizing the year end closing. You have been given the following Trial Balance as at 31 December 2024:

Table 1: Trial Balance as at 31 December 2024.

<i>Items</i>	<i>Dr</i>	<i>Cr</i>
	(RM)	(RM)
Furniture at cost	18,000	
Motor vehicle at cost	15,000	
Purchases	79,000	
Sales		210,000
Opening stocks	10,000	
Investment at cost	16,000	
Water and electricity expenses	20,000	
Commission received		1,500
Rental income		2,500
Debtors	115,000	
Creditors		8,000
Rental expenses	2,400	
Bank	47,600	
Cash	6,500	
Other creditors		6,400
Bank charges	3,000	
Owing to the director		6,000
Retained earning		48,000
Capital		60,000
Drawings	10,000	
Total	342,500	342,500

Additional information:

- (i) Stocks on 31 December 2024: RM8,000.
- (ii) Company assets are to be depreciated at the following rates:
 - Furniture - 10% per annum on cost.
 - Motor vehicle - 20% per annum on cost.
- (iii) At the end of the year, the company still owes Vibranium Guard Sdn Bhd RM5,000 for security expenses.
- (iv) On 31 December 2024, there was a specific bad debt of RM25,000, which should be written off from the trade debtors. The provision for doubtful debts is to be set at 10% of trade debtors as at the end of the year.

Based on Table 1: Trial Balance as at 31 December 2024 and additional information, find the following:

- (a) Gross Profit (2.5 marks)
- (b) Depreciation and Net Book Value (NBV) for all fixed assets. (3 marks)
- (c) Bad debts, doubtful debts and new debtors balance at the end of the year. (2.5 marks)
- (d) Total expenses at the end of the year. (4.5 marks)
- (e) Total Current Assets as at 31 December 2024 . (2.5 marks)
- (f) Total Current Liabilities as at 31 December 2024 . (2.5 marks)
- (g) Total Equity as at 31 December 2024 . (2.5 marks)

Question 2

The company financial statement should be presented in the Finance Committee Meeting every year. You are required to assist the account assistant to take up some adjustment as required by your manager. The following balances have been extracted from the books of Nantucket Ocean Lines Sdn Bhd for the year ended to 31 December 2022:

Table 2: Trial Balance as at 31 December 2022.

<i>Items</i>	<i>Dr</i>	<i>Cr</i>
	(RM)	(RM)
Sales		800,000
Purchases	272,800	
Opening stocks	100,000	
Debtors	274,400	
Creditors		424,000
Directors remuneration	30,000	
Machine: At cost	800,000	
Other debtors	14,000	
Utilities	26,000	
Investment income		50,000
Cash in hand	15,500	
Preferences shares cumulative at 10% shares of RM1 each		150,000
Profit and loss account on 1 January 2022		344,000
Bank	396,300	
Repair expenses	24,000	
Investments at cost	240,000	
Share capital issued and fully paid ordinary shares of RM1 each		600,000
Share premium account		25,000
Salaries and Wages	200,000	
Total	2,393,000	2,393,000

Additional information:

- i) Closing stocks were valued at RM125,000.
- ii) Depreciation for the year is 10% for machine.
- iii) A provision of RM8,000 is required for the auditor's fee.

- iv) Including in the repair expenses was an advance amount of RM1,000.
- v) Corporate Tax owing on 31 December 2022 is estimated to be RM71,000.
- vi) The directors propose an ordinary dividend of RM0.05 sen per share and preference dividend amounted to RM5,000.

Based on Table 2: Trial Balance as at 31 December 2022 and additional information, construct the following:

- (a) Nantucket Ocean Lines Sdn Bhd's Statement of Comprehensive Income (Profit & Loss) for the year ended 31 December 2022.
(9 marks)
- (b) Nantucket Ocean Lines Sdn Bhd's Statement of Financial Position as at 31 December 2022.
(11 marks)

SECTION B (Total: 60 marks)

INSTRUCTION: Answer only THREE (3) questions.
Please use the answer booklet provided.

Question 3

The following question is related to Direct Cost.

Atlantic Haven Marine Sdn Bhd is a small manufacturing company. During the year to 31 December 2024, it was taken into stock and issued to production the foam to produce boat sunpad.

Table 5: Stock card

<i>Date 2024</i>	<i>Receipts into stock</i>			<i>Issues to production Quantity (meter)</i>
	<i>Quantity (meter)</i>	<i>Price per unit RM</i>	<i>Total value RM</i>	
January	200	2.00	400	
February				100
April	400	3.00	1200	
May				300
June	500	4.00	2000	
July				500
October	900	4.00	3600	
December				1000

Notes:

The opening stocks of foam = 200 meters @ RM2.00/unit.

Based on Table 5: Stock card, prepare the following:

- (a) Calculate the value of closing stock on 31 December 2024 using first in first out (FIFO) methods of pricing the issue of materials to production.

(16 marks)

- (b) Find the total value (in RM) of stock issued to Production from the month of January to December 2024.

(4 marks)

Question 4

The following balances have been extracted from the books of the North Star Shipping Manufacturing Company as at 30 April 2024:

Table 5: Account balances.

	RM
Direct wages	70,000
Factory equipment at cost	360,000
General factory expenses	13,000
Stocks at 1 May 2023:	
Raw material	12,000
Work-in-progress	18,000
Stocks at 30 April 2024:	
Raw material	14,000
Work-in-progress	16,000
Purchases of raw materials	100,000
Utilities (factory 75%, general 25%)	52,000
Rental (factory 2/3, general 1/3)	42,000

The factory equipment is to be depreciated at a rate of 15 per cent per annum on cost.

Based on the information above,

(a) Prepare the North Star Shipping Manufacturing Company's manufacturing account for the year to 30 April 2024.

(16 marks)

(b) Find **FOUR (4)** elements of cost that are normally required to prepare the Manufacturing Account.

(4 marks)

Question 5

The following question is related to Decision Making.

Veve Sdn Bhd has been asked to quote for a special order. The details are as follows:

- Prices are to be quoted at order levels of 50,000, 100,000, and 150,000 units respectively. Veve Sdn Bhd has some surplus capacity, and it could deal with up to 160,000 units.
- Each unit would cost RM2 for direct materials and RM12 for direct labour.
- Veve Sdn Bhd normally absorbs production and non-production overhead based on 200 per cent and 100 per cent, respectively, of the direct labour cost.
- Distribution costs are expected to be RM10 per unit.
- Veve Sdn Bhd's normal profit margin is 20 per cent of the total cost. However, it is prepared to reduce this margin to 15 per cent if the order is for 100,000 units, and to 10 per cent for an order of 150,000 units.

The additional non-production overhead associated with this contract would be RM200,000, although this would be cut by RM25,000 if the output dropped below 100,000 units.

Based on the events above, prepare the following:

- (a) Find a selling price per unit that Veve Sdn Bhd might charge if the contract was for 50,000, 100,000 and 150,000 units, respectively.

(16 marks)

- (b) Calculate the profit that it could expect to make at 50,000, 100,000 and 150,000 units levels and state which order you would recommend. Explain.

(4 marks)

Question 6

The following information is related to the contribution analysis for Marine Equip Heavy Industries Sdn Bhd for the year to 31 December 2023.

	<i>RM'000</i>
Materials:	
Direct	70
Indirect	5
Production overhead (all fixed)	40
Wages:	
Direct	23
Indirect	13
Administration expenses:	
Fixed	44
Variable	12
Research and development expenditure:	
Fixed	70
Variable	25
Sales	510
Selling and distribution expenditure:	
Fixed	80
Variable	5
Semi-variable (fixed 70%, variable 30%)	40

Total unit sold : 10,000 units

Required:

- (a) Using the above information, prepare a contribution analysis statement for Marine Equip Heavy Industries Sdn Bhd for the year to 31 December 2023. (16 marks)
- (b) From the contribution analysis statement, find the break even quantity and the total value (RM) of variable cost. (4 marks)

END OF EXAMINATION PAPER

Formula

- Sales – variable cost of sales = contribution
 - Contribution – fixed costs = profit/(loss)
 - Break-even (B/E) point = contribution – fixed costs
 - B/E in sales value terms = $\frac{\text{fixed costs} \times \text{sales}}{\text{contribution}}$
 - B/E in units = $\frac{\text{fixed costs}}{\text{contribution per unit}}$
 - Margin of safety (M/S) in sales value terms = $\frac{\text{profit} \times \text{sales}}{\text{contribution}}$
 - M/S in units = $\frac{\text{profit}}{\text{contribution per unit}}$
- Abbreviation:*
 $S - V = C$
 $C - F = P/(L)$
 $C - F$
 $\frac{F \times S}{C}$
 $\frac{F}{C \text{ per unit}}$
 $\frac{P \times S}{C}$
 $\frac{P}{C \text{ per unit}}$

Present value of RM1 received after n years discounted at i %

i	1	2	3	4	5	6	7	8	9	10
1	0.9901	0.9804	0.9709	0.9615	0.9524	0.9434	0.9346	0.9259	0.9174	0.9091
2	0.9803	0.9612	0.9426	0.9246	0.9070	0.8900	0.8734	0.8573	0.8417	0.8264
3	0.9706	0.9423	0.9151	0.8890	0.8638	0.8396	0.8163	0.7938	0.7722	0.7513
4	0.9610	0.9238	0.8885	0.8548	0.8227	0.7921	0.7629	0.7350	0.7084	0.6830
5	0.9515	0.9057	0.8626	0.8219	0.7835	0.7473	0.7130	0.6806	0.6499	0.6209
6	0.9420	0.8880	0.8375	0.7903	0.7462	0.7050	0.6663	0.6302	0.5963	0.5645

i	11	12	13	14	15	16	17	18	19	20
1	0.9009	0.8929	0.8850	0.8772	0.8696	0.8621	0.8547	0.8475	0.8403	0.8333
2	0.8116	0.7929	0.7831	0.7695	0.7561	0.7432	0.7305	0.7182	0.7062	0.6944
3	0.7312	0.7118	0.6931	0.6750	0.6575	0.6407	0.6244	0.6086	0.5934	0.5787
4	0.6587	0.6355	0.6133	0.5921	0.5718	0.5523	0.5337	0.5158	0.4987	0.4823
5	0.5935	0.5674	0.5428	0.5194	0.4972	0.4761	0.4561	0.4371	0.4190	0.4019
6	0.5346	0.5066	0.4803	0.4556	0.4323	0.4104	0.3898	0.3704	0.3521	0.3349