

B.Com. (Part-II) (CBCS Pattern) Semester-IV
UCA4F02 - Management Accounting

P. Pages : 6

Time : Three Hours



GUG/S/25/12043(S)

Max. Marks : 80

- Notes : 1. All questions are compulsory.
2. All questions carry equal marks.

1. A) Define Management Accounting Explain the objectives of Management Accounting. **8**
- B) A Company expects to have Rs. 25,000 in Bank on 1st May 2022 and requires you to prepare an estimate of cash position during the three months-May, June and July 2022. The following information is supplied. **8**

Months	Sales (Rs.)	Purchase (Rs.)	Wages (Rs.)	Office Exp. (Rs.)	Factory Exp. (Rs.)	Selling Exp. (Rs.)
March	50,000	30,000	6,000	4,000	5,000	3,000
April	56,000	32,000	6,500	4,000	5,500	3,000
May	60,000	35,000	7,000	4,000	6,000	3,500
June	80,000	40,000	9,000	4,000	7,500	4,500
July	90,000	40,000	9,500	4,000	8,000	4,500

Other Information:

- 20% of sales are in cash, remaining amount is collected in the month following that of sales.
- Suppliers supply goods at two months credit.
- Wages and all others expenses are paid in the month following the one in which they are incurred.
- The Company pays dividends to shareholders and bonus to workers of Rs. 10,000 and Rs. 15,000 respectively in the month of May.
- Plant has been ordered and is expected to be received in June. It will cost Rs. 80,000 to be paid in June.
- Income Tax Rs. 25,000 is payable in July.

OR

- C) The following data are available from the books of Rahul Manufacturing Company for the year ended on 31st Dec 2022. **16**

Fixed Expense	Amt (Rs. in Lakhs)
Wages and Salaries	8.4
Rent Rates and Taxes	5.6
Depreciation	7.0
Sundry Administration	8.9
	29.9
Semi-variable Expenses (at 50% capacity)	
Repairs and Maintenance	2.5
Indirect Labour	9.9
Sales department salaries	2.9
Sundry Administration	2.6
	17.9

Variable Expenses (at 50% capacity)	
Material	24.0
Labour	25.6
Sundry	3.8
	53.4

Assuming that, fixed expenses remains constant at all levels of production, variable expenses varies proportionately and semi-variable expenses remains constant between 45% and 65% capacity, increase by 10% between 65% and 80% capacity and by 20% between 80% and 100% capacity. Sales at various levels are.

60% = 100.00 (Lakhs)

70% = 120.00 (Lakhs)

90% = 150.00 (Lakhs)

100% = 170.00 (Lakhs)

Prepare Flexible Budget Showing the cost of production at 60%, 70%, 90% and 100% capacity.

2. A) Fixed cost of a company is Rs. 25,000 p.a. Prime cost is Rs. 5 P.U., variable cost / overhead are Rs. 1 P.U; selling price is Rs. 10 P.U. Present sale are 10,000 units a year. calculates (1) P/V Ratio 2) B.E.P. 3) Margin of Safety 8
- B) A person plan to sale to Toy Rocket of Maharashtra Industrial Fair. He may purchase these rocket at Rs. 5 each, with the privilege of returning all unsold rockets. 8
The rent of the stall at the fair is Rs. 2,000 payable in advance. Rocket will be sold at Rs. 9 per rocket. Determine the number of rockets which must be sold at B.E.P.

OR

- C) Following information of Rashi Product Ltd. Shows 16

Year	Sales (Rs.)	Profit (Rs)
2020	20,000	1,000
2021	18,000	400

Calculate (1) P/V Ratio (2) Fixed Cost (3) Variable cost for two years (4) Margin of Safety if profit is Rs. 1,600

3. A) Stock turnover Ratio = 8 Times, sales = Rs. 2,00,000, Gross Profit = Rs. 40,000, Opening Stocks = Rs. 16,000, Calculate closing stock. 8
- B) Given that: 8
 Opening Stock = Rs. 90,000
 Closing Stock = Rs. 1,20,000
 Gross Profit = Rs. 1,60,000
 Purchase = Rs. 6,10,000
 Manufacturing Expenses = Rs. 60,000
 Calculate Gross Profit Ratio

OR

- C) From the following statement of Rahul Ltd. for the year ending 31st March 2004 calculate the following Ratio. (1) Current Ratio (2) Acid Test Ratio (3) Operating Ratio 4) Net Profit Ratio (5) Stock Turnover Ratio (6) Gross Profit Ratio (7) Stock to Working Capital Ratio.

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Balance Sheet
As on 31-03-2024

Liabilities	Rs.	Assets	Rs.
Share Capital (5,00,000 share issued @ Rs. per share)	5,00,000	Land and Building	5,00,000
Profit and Loss Account	1,50,000	Plan and Machinery	2,00,000
Sundry creditors	2,00,000	Stock	1,50,000
General Reserve	4,00,000	Sundry Debtors	2,50,000
		Cash and Bank Balance	1,50,000
	12,50,000		12,50,000

Profit and Loss Account

Particulars	Rs.	Particulars	Rs.
To Stock	2,50,000	By Sale	18,00,000
To Purchase	10,50,000	By Closing Stock	<u>1,50,000</u>
To Gross Profit	<u>6,50,000</u>		
	19,50,000		19,50,000
To Selling and Distribution Expenses	1,00,000	By Gross Profit	6,50,000
To Administration Expenses	2,30,000	By Profit on Sale of Fixed Assets	50,000
To Financial Expenses	20,000		
To Net Profit	<u>3,50,000</u>		
	7,00,000		7,00,000

4. A) Balance Sheet of Rashi Company is as follows prepare fund flow statement.

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Assets	2022 (Rs.)	2021 (Rs.)
Cash	4,700	3,000
Bills Receivable	11,500	12,000
Land	6,600	5,000
Stock	9,000	8,000
	31,800	28,000
Creditors	2,000	1,000
Bills Payable	2,500	6,000
Share Capital	25,000	20,000
Profit and Loss Account	<u>2,300</u>	<u>1,000</u>
	31,800	28,000

Adjustment:

- i) Dividend was paid during the year Rs. 2,500

- B) Following were the Balance Sheet of Rahul Company Ltd. for the year ended 2022 and 2023. Prepare source and Application of fund statement with a supporting schedule of working capital.

8

Assets	2022 (Rs.)	2023 (Rs.)
Cash	30,000	45,000
Accounts Receivable	50,000	42,000
Merchandise Inventory	20,000	33,000
Plant	1,00,000	1,50,000
	2,00,000	2,70,000
Liabilities and Proprietorship		
Account payable	15,000	12,000
Bonds	20,000	60,000
Reserve for depreciation of plant	10,000	19,000
Common Stock	1,00,000	1,20,000
Surplus	55,000	59,000
	2,00,000	2,70,000

OR

- C) From the following Balance Sheet of Rajesh Company Ltd. on 31st Dec. 2022 and 2023 you are required to prepare a statement of Source and application of Funds.

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Balance Sheet

Liabilities	2022 Rs.	2023 Rs.	Assets	2022 Rs.	2023 Rs.
Share Capital	1,00,000	1,25,000	Land and Building	1,00,000	95,000
General Reserve	25,000	30,000	Plant	75,000	84,500
P/L A/c	15,250	15,300	Stock	50,000	37,000
Bank Loan	35,000		Cash	250	300
Sundry Creditors	75,000	67,600	Bank	-	4,000
Provision for Taxation	15,000	17,500	Good will	-	2,500
			Sundry Debtors	40,000	32,100
	2,65,250	2,55,400		2,65,250	2,55,400

Additional Information:

- Dividend of Rs. 11,500 paid.
- Income tax provision Rs. 16,500
- Plant costing Rs. 25,000 (Deprecation written off Rs. 7,000) sold for Rs. 15,000

5. Write short note.

A) Functions of Management Accounting.

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B) Break Even Point.

4

C) Importance of Ratio Analysis.

4

D) Fund Flow Statement.

4

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- सुचना :- 1. सर्व प्रश्न अनिवार्य आहे.
2. सर्व प्रश्नांना समान गुण आहे.

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|----|----|--|----|
| 1. | अ) | व्यवस्थापकीय लेखांकनाचा अर्थ स्पष्ट करून त्याचे उद्देश लिहा. | 8 |
| | ब) | इंग्रजी माध्यमानुसार | 8 |
| | | किंवा | |
| | क) | इंग्रजी माध्यमानुसार | 16 |
| 2. | अ) | इंग्रजी माध्यमानुसार | 8 |
| | ब) | इंग्रजी माध्यमानुसार | 8 |
| | | किंवा | |
| | क) | इंग्रजी माध्यमानुसार | 16 |
| 3. | अ) | इंग्रजी माध्यमानुसार | 8 |
| | ब) | इंग्रजी माध्यमानुसार | 8 |
| | | किंवा | |
| | क) | इंग्रजी माध्यमानुसार | 16 |
| 4. | अ) | इंग्रजी माध्यमानुसार | 8 |
| | ब) | इंग्रजी माध्यमानुसार | 8 |
| | | किंवा | |
| | क) | इंग्रजी माध्यमानुसार | 16 |
| 5. | | टिपा लिहा. | |
| | अ) | व्यवस्थापकीय लेखांकनाचे घटक | 4 |
| | ब) | समविच्छेदन बिंदू | 4 |
| | क) | अनुपात विश्लेषणाचे महत्व | 4 |
| | ड) | निधि प्रवाह विवरण | 4 |

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- सुचनाएँ :- 1. सभी प्रश्न अनिवार्य हैं।
2. सभी प्रश्नों के अंक समान हैं।

- | | | | |
|----|----|---|----|
| 1. | अ) | प्रबंधकीय लेखांकन की परिभाषा दीजिए एवं उद्देश स्पष्ट कीजिए। | 8 |
| | ब) | अंग्रेजी माध्यम के अनुसार | 8 |
| | | अथवा | |
| | क) | अंग्रेजी माध्यम के अनुसार | 16 |
| 2. | अ) | अंग्रेजी माध्यम के अनुसार | 8 |
| | ब) | अंग्रेजी माध्यम के अनुसार | 8 |
| | | अथवा | |
| | क) | अंग्रेजी माध्यम के अनुसार | 16 |
| 3. | अ) | अंग्रेजी माध्यम के अनुसार | 8 |
| | ब) | अंग्रेजी माध्यम के अनुसार | 8 |
| | | अथवा | |
| | क) | अंग्रेजी माध्यम के अनुसार | 16 |
| 4. | अ) | अंग्रेजी माध्यम के अनुसार | 8 |
| | ब) | अंग्रेजी माध्यम के अनुसार | 8 |
| | | अथवा | |
| | क) | अंग्रेजी माध्यम के अनुसार | 16 |
| 5. | | टिपण लिखिए। | |
| | अ) | प्रबंधकीय लेखांकन के घटक | 4 |
| | ब) | समविच्छेदन बिंदू | 4 |
| | क) | अनुपात विश्लेषण के महत्व | 4 |
| | ड) | कोष प्रवाह विवरण | 4 |
