

**SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)
(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai — 600 044.
BCA. END SEMESTER EXAMINATIONS APRIL-2022
SEMESTER - IV
20UCAAT4004 - Cost and Management Accounting**

Total Duration : 3 Hrs.

Total Marks : 60

Section A

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Distinguish between Cost Accounting and Financial Accounting.
2. Explain the objectives of Management Accounting.
3. State the importance of fund flow analysis.
4. Calculate funds from operations from the following profit and loss account:

Profit and Loss Account

Particulars	Rs.	Particulars	Rs.
To Expenses paid	1,00,000	By Gross profit	2,00,000
To Depreciation	40,000	By Gain on sale of Machinery	20,000
To Loss on sale of Building	10,000		
To Advertising Expenses written off	5,000		
To Discount Allowed	500		
To Discount on issue of shares written off	500		
To Goodwill written off	12,000		
To Net profit	52,000		
	2,20,000		2,20,000

5. State the differences between fund flow and cash flow analysis.
6. From the following balances you are required to compute cash from operating activities.

Particulars	31.12.2020	31.12.2021
	(Rs.)	(Rs.)
Debtors	50,000	47,000
Bills receivable	10,000	12,500
Creditors	20,000	25,000
Bills payable	8,000	6,000
Outstanding expenses	1,000	1,200
Prepaid expenses	800	700
Accrued income	600	750
Income received in advance	300	250
Profit made during the year	—	1,30,000

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7. The following figures are extracted from the balance sheet of 'Y' Ltd.

Particulars	2020 (Rs.)	2021 (Rs.)
Stock	25,000	40,000
Debtors	10,000	16,000
Cash at Bank	5,000	4,000
Creditors	8,000	15,000
Bills Payable	2,000	3,000
Provision for Taxation	5,000	7,000
Bank Overdraft	5,000	15,000

Calculate current ratio and quick ratio for two years

8. What are the advantages of Marginal Costing?

Section B

Answer any **THREE** questions ($3 \times 10 = 30$ Marks)

- Discuss in detail the elements of cost.
- Explain in detail the scope of Management Accounting.
- From the following Balance Sheet of XYZ Ltd. prepare a statement of sources and application of funds and schedule of changes in working capital for 2021.

Balance Sheet

Liabilities	2020 (Rs)	2021 (Rs)	Assets	2020 (Rs)	2021 (Rs)
Share capital	3,00,000	4,00,000	Goodwill	1,15,000	90,000
Pref. share capital	1,50,000	1,00,000	Building	2,00,000	1,70,000
General reserve	40,000	70,000	Plant	80,000	2,00,000
P & L A/c	30,000	48,000	Debtors	1,60,000	2,00,000
Proposed dividend	42,000	50,000	Stock	77,000	1,09,000
Creditors	55,000	83,000	Bills receivable	20,000	30,000
Bills payable	20,000	16,000	Cash in hand	15,000	10,000
Provision for tax	40,000	50,000	Cash at bank	10,000	8,000
	6,77,000	8,17,000		6,77,000	8,17,000

Additional Information

- Depreciation: Plant – Rs. 10,000 and Building – Rs.20,000 charged in 2021.
- An interim dividend of Rs. 20,000 has been paid in 2021.
- Income tax Rs. 35,000 was paid during 2021.

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12. From the statement of financial position of XYZ Ltd. is given. You are required to prepare a cash flow statement.

Balance Sheet

Liabilities	2020 (Rs)	2021 (Rs)	Assets	2020 (Rs)	2021 (Rs)
Share capital	1,00,000	1,50,000	Fixed Assets	1,00,000	1,50,000
General reserve	30,000	40,000	Goodwill	50,000	40,000
P & L A/c	50,000	80,000	Inventories	50,000	80,000
16% Bonds	50,000	60,000	Sundry debtors	50,000	80,000
Sundry Creditors	30,000	40,000	Bills Receivable	10,000	20,000
Outstanding Expenses	10,000	15,000	Bank	10,000	15,000
	2,70,000	3,85,000		2,70,000	3,85,000

13. Following is the profit and loss account of a company for the year ending 31.12.2021.

Profit and Loss Account

Particulars	Rs.	Particulars	Rs.
To Opening Stock	1,00,000	By sales	5,60,000
To Purchases	3,50,000	By Gain on sale of Machinery	1,00,000
To Wages	9,000		
To Gross profit c/d	2,01,000		
	6,60,000		6,60,000
To Administrative expenses	20,000	ByGross profit b/d	2,01,000
To Selling and distributive expenses	89,000	By interest on investment(outside business)	10,000
To Non-operating expenses	30,000	By profit on sale of investment	8,000
To Net profit	80,000		
	2,19,000		2,19,000

Calculate

- Gross profit ratio
- Net profit ratio
- Operating ratio
- Operating profit ratio
