

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.

B.C.A. - END SEMESTER EXAMINATIONS APRIL-2023

SEMESTER - IV

20UCAAT4004 - Cost and Management Accounting

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

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

1. Calculate Prime cost, Factory cost, Cost of production, Cost of Sales and Profit from the following details,

Particulars	Rs.
Direct materials	10,000
Direct labour	4,000
Direct expenses	500
Factory expenses	1,500
Administration expenses	1,000
Selling expenses	300
Sales	20,000

2. The fixed expenses of an industrial concern amount to Rs.1,80,000. Its variable cost per unit is Rs.29 and selling price is Rs.44 per unit. Calculate the break even point.
3. From the following balances you are required to calculate cash from operating activities,

Particulars	31/12/1989 (Rs.)	31/12/1990 (Rs.)
P & L A/c Balance	50,000	3,10,000
Debtors	90,000	84,000
Creditors	40,000	52,000
Bills receivable	24,000	30,000
Prepaid expenses	3,200	2,800
Bills payable	30,000	32,000
Outstanding expenses	2,400	3,200
Outstanding income	1,600	1,800
Income received in advance	500	600

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4. Calculate Net Profit Ratio

Particulars	Rs.
Sales	5,00,000
Gross profit	2,60,000
Administration expenses	50,000
Selling expenses	40,000
Financial expenses	20,000
Dividend received	20,000
Preliminary expenses written off	5,000
Provision for income tax	15,000

5. Define Management Accounting. Explain the objectives of Management Accounting.

6. Prepare a schedule of changes in working capital of A Ltd. at the end of 1993 and 1994 are given below:

Liabilities	1993	1994	Assets	1993	1994
Share capital	1,00,000	1,50,000	Land	1,00,000	1,00,000
Creditors	86,000	95,000	Plant	1,04,000	1,00,000
General reserve	50,000	60,000	Furniture	7,000	9,000
Share premium	-	5,000	Investment	60,000	80,000
P & L A/c	10,000	17,000	Debtors	30,000	70,000
5% debentures	70,000	50,000	Stock	60,000	65,000
Provision for dep plant	50,000	56,000	Cash	30,000	45,000
Provision for furniture	5000	6000			
Provision for tax	20,000	30,000			
	3,91,000	4,69,000		3,91,000	4,69,000

7. Calculate Debtors turnover ratio

	(Rs.)
Total sales	1,00,000
Cash sales	20,000
Debtors as on 1-1-1987	10,000
Debtors as on 31-1-1987	15,000
Bills receivable as on 1-1-1987	7,500
Bills receivable as on 31-1-1987	12,500

8. Explain the various elements of Cost.

Section C

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

9. The following details have been obtained from the cost records of Raja sekhar Ltd.

Particulars	Rs.
Stock of raw materials on 1 st Dec 2010	75,000
Stock of raw material on 31 st Dec 2010	91,500
Direct Wages	52,500
Indirect wages	2,750
Sales	2,11,000
Work in progress 1 st Dec 2010	28,000
Work in progress 31 st Dec 2010	35,000
Purchase of raw materials	66,000
Factory rent rates and power	15,000
Depreciation of plant and machinery	3,500
Expenses on purchases	1,500
Carriage outwards	2,500
Advertising	3,500
Office rent and taxes	2,500
Traveller's wages and commission	6,500
Stock of finished goods 1 st Dec 2010	54,000
Stock of finished goods 31 st Dec 2010	51,000

Prepare a cost sheet giving the maximum possible break up of cost and profit.

10. Write a comparative account on Funds flow statement and Cash flow statement.
 11. Distinguish between Management Accounting and Financial Accounting.
 12. From the following Balance Sheets you are required to prepare a cash flow statement.

Liabilities	2006 (Rs.)	2007 (Rs.)	Assets	2006 (Rs.)	2007 (Rs.)
Share capital	3,00,000	3,50,000	Land	70,000	86,000
P & L A/c	20,000	33,000	Stock	90,000	1,00,000
Current liabilities	90,000	65,000	Debtors	1,20,000	1,15,000
			cash	1,30,000	1,47,000
	4,10,000	4,48,000		4,10,000	4,48,000

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13. Calculate

- (i) Break Even Point
- (ii) Margin of safety
- (iii) Sales to earn a profit of Rs.1,20,000

	Rs.
Sales	6,00,000
Variable cost	3,75,000
Fixed costs	1,80,000
