

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 NOVEMBER -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. Write the meaning of cost accounting and its objectives.
2. What are the objectives of management accounting?
3. Prepare a schedule of changes in working capital from the following Balance Sheets:

Balance Sheets

Liabilities	1998 (Rs.)	1999 (Rs.)	Assets	1998 (Rs.)	1999 (Rs.)
Share capital	50,000	50,000	Fixed Assets	18,000	28,000
10% Debentures	10,000	20,000	Investments:		
Bills payable	18,000	6,000	Non trading	10,000	10,000
Outstanding expenses	6,000	9,000	Trading	8,000	9,000
Trading Creditors	33,000	40,000	Inventories	12,000	18,000
			Trade Debtors	40,000	48,000
			Accrued interest	4,000	6,000
			Unexpired insurance	-	3,000
			Cash at bank	17,000	2,000
			Cash at hand	8,000	1,000
	1,17,000	1,25,000		1,17,000	1,25,000

4. From the following Balance Sheets of Arvind Ltd., you are required to prepare a cash flow statement:

Liabilities	1989 (Rs.)	1990 (Rs.)	Assets	1989 (Rs.)	1990 (Rs.)
Share capital	4,00,000	5,00,000	Cash	60,000	94,000
Trade creditors	1,40,000	90,000	Debtors	2,40,000	2,30,000
Profit & Loss A/c	20,000	46,000	Stock	1,60,000	1,80,000
			Land	1,00,000	1,32,000
	5,60,000	6,36,000		5,60,000	6,36,000

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5. 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.
6. In a factory 20,000 units of product 'A' were manufactured in the month of July 2009. From the following figures obtained from the costing records, prepare a cost sheet showing cost per unit:

	Rs.
Opening stock of raw material	5,000
Purchases	55,000
Closing stock of raw material	10,000
Direct wages	25,000
Factory overheads	40,000
Office and administration overheads	20,000

7. From the following Balance Sheets, prepare a statement showing flow of funds.

Balance Sheets

Liabilities	31-12-91 (Rs.)	31-12-92 (Rs.)	Assets	31-12-91 (Rs.)	31-12-92 (Rs.)
Share capital	2,00,000	2,50,000	Land	50,000	66,000
Retained earnings	10,000	23,000	Stock	80,000	90,000
Creditors	70,000	45,000	Debtors	1,20,000	1,15,000
			Cash	30,000	47,000
	2,80,000	3,18,000		2,80,000	3,18,000

8. From the following data calculate:
(a) P/V Ratio; (b) Variable cost and (c) Profit.

	Rs.
Sales	80,000
Fixed expenses	15,000
Break even point	50,000

Section C

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

9. From the following information, prepare a cost sheet for the month of January.

	Rs.
Stock of raw materials on 1 st January	25,000
Stock of raw materials on 31 st January	26,200
Purchase of raw materials	21,900
Carriage on purchases	1,100
Sale of finished goods	72,300
Direct wages	17,200
Non-productive wages	800

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Direct expenses	1,200
Factory overheads	8,300
Administrative overheads	3,200
Selling overheads	4,200

10. What are the differences between management accounting and financial accounting?
11. Balance Sheets of M/s.Raman and Krishnan as on 1st January 1998 and 31st December 1998 were as follows:

Balance Sheet

Liabilities	1-1-1998 (Rs.)	31-12-98 (Rs.)	Assets	1-1-1998 (Rs.)	31-12-98 (Rs.)
Bill payable	80,000	88,000	Cash	25,000	22,000
Mrs.Kishnan's loan	50,000	-	Debtors	30,000	80,000
Loan, secured on Buildings	80,000	80,000	Stock	75,000	40,000
Creditors	30,000	60,000	Bills receivable	25,000	30,000
Capitals:			Building	1,00,000	90,000
Raman	40,000	50,000	Furniture	1,05,000	86,000
Krishnan	80,000	70,000			
	3,60,000	3,48,000		3,60,000	3,48,000

During 1998, furniture costing 10,000, (accumulated depreciation Rs.6,000) was sold for Rs.3,000. Net profit for the year was Rs.80,000, divided equally to the partners. Prepare a statement of sources and uses of funds for the year 1998.

12. From the following Balance Sheets as on 31-12-93 and 31-12-92, prepare a Cash Flow Statement:

Balance Sheet

Liabilities	1993 (Rs.)	1992 (Rs.)	Assets	1993 (Rs.)	1992 (Rs.)
Share capital	1,50,000	1,00,000	Fixed assets	1,50,000	1,00,000
Profit & Loss A/c	80,000	50,000	Goodwill	40,000	50,000
General reserve	40,000	30,000	Stock	80,000	30,000
6% Debentures	60,000	50,000	Debtors	80,000	50,000
Creditors	40,000	30,000	Bills Receivable	20,000	30,000
Outstanding exp.	15,000	10,000	Bank	15,000	10,000
	3,85,000	2,70,000		3,85,000	2,70,000

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13. a) Calculate break-even point from the following:

Sales 1,000 units at Rs.10 each Rs.10,000

Variable cost - Rs.6 per unit

Fixed cost - Rs.8,000

(b) If the selling price is reduced to Rs.9, what is the new break-even point?
