

**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.

BCOM.(CS) END SEMESTER EXAMINATION APRIL/NOV - 2021

SEMESTER - V

18UBCCT5A13 - Cost Accounting

Total Duration : 3 Hrs	Total Marks : 75
MCQ : 30 Mins	MCQ : 15
Descriptive : 2 Hrs.30 Mins	Descriptive : 60

Section B

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

1. State the objective of cost accounting.
2. Calculate prime cost, Factory cost, Cost of production, Cost of sales and profit from the Following Details:

Particulars	Amount (Rs.)
Direct materials	10,000
Direct labour	4,000
Direct expenses	500
Factory expenses	1,500
Administrative expenses	1,000
Selling expenses	300
Sales	20,000

3. Find out the economics order quantity (EOQ) from the following particulars.
Annual usage: 6,000units.
Cost of material per unit: Rs.20.
Cost of placing and receiving one order: Rs.60 Annual carrying cost of one unit: 10% of inventory value.
4. From the Following Information Calculate the Labour Turnover Rate.
Number of workers at the beginning of the period : 3,800.
Number of workers at the end of the period : 4,200.
During the year, 40 workers left while 160 workers are discharged. 600 workers are recruited during the year; of the 150 workers are recruited to fill up vacancies and the rest are engaged on account of an expansion scheme.
5. Calculate the machine hour rate from the following:
Rent and rates for the quarter – Rs.30,000.
Area occupied by machine – one-fourth ($1/4$) of the total Area.
Running time per month – 2,000 hours.
6. Calculate the amount of rent to be apportioned to each department. Rent = Rs.1,000.

Particulars	A	B	C	D
Area (Sq m)	1,500	1,100	900	500

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7. Prepared a Reconciliation of Cost and Financial Accounts.

Particulars	Rs.
Net loss as per cost accounts	3,44,800
Works overhead under-recovered in cost accounts	6,240
Depreciation over charged in cost accounts	2,600
Administration overheads under charged in financial accounts	3,400
Interest on investment	17,500
Goodwill written off in financial books	11,400
Income tax paid	89,600
Stores adjustment (credit in financial books)	950
Depreciation of stock charged in financial books	13,500

8. The following information relates to the manufacture of a product during the month of Jan 2015.

Raw materials consumed	Rs.20,000
Direct wages	Rs.12,000
Machine hours worked	1,000 hours
Machine hour rate	Rs.2perhour
Office overhead	20%onworkscost
Selling overhead	Rs.0.40 per unit
Units produced	20,000 units
Units sold at Rs.3 each; 18,000 units	

Prepare a cost sheet (a) Prime cost (b) Work cost (c) Cost of production (d) Cost of goods sold (e) Cost of sales (f) Profit

Section C

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

9. A Manufacturer presents the following details about the various expenses incurred by him:

Particulars	Rs.
Raw materials consumed	70,000
Carriage inwards	2,000
Factory rent	2,400
Bad debts	440
Printing and stationery	620
Legal expenses	350
Carriage outwards	1,540
Indirect materials	560
Power	4,600
Depreciation of furniture	160
Postage expenses	465
Repairs of plant and machinery	1,200
Salesmen's expenses	3,400
Advertising	500
Direct wages	85,000
General manager salary	36,000
Factory manager salary	18,000
Depreciation on plant and machinery	1,240
Audit fee	350

Classify the above expenses under the various elements of cost showing separately the total expenditure under each element.

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SEMESTER - V
18UBCCT5A13 - Cost Accounting

10. Zubi Plc. is a furniture manufacturing company and is in business from 10 years. The following are the purchases and issues during the month of March:

March 01	Opening Inventory	800 units	@ \$ 7
March 05	Purchases	1,000 units	@ \$ 6.55
March 09	Purchases	400 units	@ \$ 6.2
March 25	Purchases	1,400 units	@ \$ 6.05
March 12	Sales	1,200 units	
March 27	Sales	1,000 units	

Find out the value of Ending Inventory on March 31.

Find out the value of cost of goods sold under FIFO method using the perpetual inventory method.

11. Calculate the Normal and Overtime Wages Payable to Workman Form the Following Data.

DAY	HOURS WORKED
Monday	8
Tuesday	12
Wednesday	10
Thursday	10
Friday	9
Saturday	4
Total	53

Normal working hours – 8 hours per day; on Saturday – 4 hours. Normal rate Rs.2 per hour. Overtime rate – up to 9 hours in a day at single rate and over 9 hours in a day at double rate. Or up to 48 hours in a week at single rate and over 48 hours at double rate, whichever is more beneficial to the workers.

12. The following information is supplied from a firm:

Particulars	Rs.	Particulars	Rs.
Rent	20,000	Insurance	10,000
Maintenance	12,000	Employer's contribution to P.F	3,000
Depreciation	9,000	Energy	18,000
Lighting	2,000	Supervision	30,000

	Departments		
	X	Y	Z
Floor Space (Sq. ft.)	2,000	1,000	1,000
Number of Workers	25	15	10
Total Direct Wages (Rs.)	1 Lakh	1 Lakh	1 Lakh
Cost of Machinery (Rs.)	3 Lakh	2 Lakh	1 Lakh
Stock of goods (Rs.)	30,000	10,000	10,000

Prepare a statement showing appointment of costs to various departments.

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13. Prepare Reconciliation Statement From the following:

Particulars	Rs.
Net Profits as Per Cost Accounts	2,00,000
Income Tax	60,000
Share Transfer Fee Credited	4,000
Provision for Doubtful Debts	20,000
Overheads as Per Cost Accounts	34,000
Overheads as Per Financial Books	28,000
Directors Fees in Financial Books Only	8,000
Depreciation Charged Only In Finance Books	7,000
Closing Stock in Cost Accounts	18,750
Closing Stock in Financial Books	20,750
Goodwill Written Off	9,000
Stores Adjustment (Credit in Financial Books)	1,000
Interest on Investments	4,000