

Roll.No.

24UCOCT5014 (Aided)

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.Com. - END SEMESTER EXAMINATIONS - NOVEMBER 2025

SEMESTER - V

24UCOCT5014 - Cost Accounting

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

Section B

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

1. What are the objectives of cost accounting?
2. Discuss the limitations of cost accounting.
3. From the following cost data are available from the books for the year ended 31.-12.203.

	Rs.
Direct materials	9,00,000
Direct wages	7,50,000
Profit	6,09,000
Selling and distribution overheads	5,25,000
Administration overheads	4,20,000
Factory overheads	4,50,000

Prepare a cost sheet indicating the prime cost, works cost, production cost, cost of sales and sales value.

4. Calculate profit as per financial accounts
Net loss as per cost accounts Rs.1,00,000
Works overheads under recovered in cost accounts Rs.10,000
Interest on investment received Rs.3,000
Selling and distribution overheads recovered in cost accounts Rs.5,000
5. Calculate economic order quantity (ECQ)
Annual consumption 20,000 units
Buying cost per order Rs.10
Cost per unit Rs.100
Cost of carrying inventory 10% of cost.
6. Mr.Ramesh works in a factory where the following particulars apply.
Normal rate per hour : Rs.3.00
Normal piece rate : 20% more of time rate
Expected output is 40 units per hour. Ramesh produces 314 units in a 8 hour day. Calculate his wages for the day on (a) time basis and (b) piece basis.

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7. Standard time allowed for a job is 50 hours
The hourly rate of wages is Rs.2.00 plus a dearness allowance at Rs 2.50. per hour worked.
The actual time taken by the worker was 40 hours.
Calculate total wages under Rowan plan.
8. From the data given below, calculate machine hour rate.
- | | |
|--|--------------|
| Cost of machine | Rs.90,000 |
| Installation charge | Rs.10,000 |
| Estimated scrap value | nil |
| Estimated repair charges per year | Rs.1,000 |
| Estimated working life of the machine | 10,000 hours |
| Standing charges allocated to the machine per year | Rs.6,000 |
| Estimated working hours per year | 2000 hours |
- Power consumption of the machine is 20 units per hour and the rate of power per 100 units is Rs.10.

Section C

Answer any **THREE** questions (3 × 10 = 30 Marks)

9. State the advantages of cost accounting.
10. The following figure relate to the costing of a Tarpaulin manufactured in respect of a certain type of a sheet for a period of three months.

	Rs.
Stock materials (1.1.2013)	11,000
Stock materials (31.03.2013)	7,000
Productive wages '	1,66,000
Materials purchased	1,23,000
Sales	2,83,100
Indirect expenses	26
Completed stock (1.1.2013)	nil
Completed stock (31.03.203)	58,000

The number of sheets manufactured during three months was 4.400 and the price to be quoted for 1.296. sheets in order to realise same percentage of profit as for the period under review, assuming no alteration in rates of wages and cost of materials. Prepare a statement of cost for the manufacture of 4.400 sheets and quotation for 1,296. sheets.

11. From the following information, calculate
- Maximum level
 - Minimum level
 - Re order level
 - Average level

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Minimum consumption	240 units per day
Maximum consumption	420 units per day
Normal consumption	300 units per day
Re - order quantity	3,600 units
Re - order period	10 - 15 days
Normal re order period	12 days

12. From the following particulars, calculate the earnings of different workers under Taylor's differential piece rate system.

Standard time per unit	: 6 minutes
Normal rate	: Rs.5 per hour

Differential piece rates :

- 80% of piece rate below the standard
- 120% of piece rate at or above the standard

In a day of 8 hours, the production by different workers is as under

Amar: 70 units, badekhan: 80 units, chaplin: 90 units dharmsingh: 100 units.

13. Ram Co Ltd., has two production and two service namely p1 and p2 and s1 and s2 respectively. From the following information prepare statement showing primary distribution of overheads :

Particulars	P1	P2	S1	S2
Area occupied	1,000	800	200	400
Asset value (Rs.000)	200	100	60	20
No. of workers	80	40	40	20
Lights points	20	12	48	4
H.P. of machine	20	10	8	2
Direct wages (Rs.000)	20	16	10	6
Direct materials (Rs.000)	30	20	6	4

Total expenses and charges during the period ended are :

	Rs.
Rent, rates and taxes	18,000
Power	12,500
Insurance	9,500
Depreciation	38,000
Canteen expenses	5,400
Electricity	3,600
Indirect materials	6,000
Indirect wages	10,400
Repairs and maintenance	19,000
Sundries	5,200
