

Roll.No.

24UCOCT5014 (SFS)

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. Explain the Nature and Scope of Cost Accounting.
2. Calculate the cost of raw materials purchased from the following data:

Particulars	Rs.
Opening stock of raw materials	20,000
Closing stock of raw materials	30,000
Expenses on Purchases	10,000
Direct Wages	50,000
Prime Cost	1,50,000

3. Find out EOQ from the following particulars:  
Annual usage Rs.1,20,000; Cost of placing and receiving one order Rs.60; Annual carrying cost 10% of inventory value.
4. Using the following data calculate the wages under Taylor's Differential Piece Rate System.  
Normal rate per hour Rs.1.80  
Standard time per unit 20 seconds  
Differential rate to be applied:  
80% of piece rate below standard  
120% of piece rate at or above standard
5. Compute Machine Hour Rate.  
Cost of the machine Rs.16,000  
Estimated scrap value Rs.1,000  
Effective working life of the machine 10,000 hours  
Running hours for a 4 weekly period 160 hours  
Average repairs for a 4 weekly period Rs.120  
Power 4 units per hour at a cost of 5 paise per hour  
Standing charges allocated to machine for a 4 weekly period Rs.40.

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6. The following particulars apply to a job:
- |               |                 |
|---------------|-----------------|
| Standard time | 12 hours        |
| Time taken    | 8 hours         |
| Time rate     | Rs.150 per hour |
- Calculate the earnings under Rowan Plan.
7. Prepare the cost sheet from the following information  
 Materials Rs.10,000; Wages Rs.5,000; Direct Expenses Rs.1,000.  
 Factory overhead 125% on wages; Office overhead 20% on works cost, Expected profit 25% on sales.  
 Calculate the price to be fixed
8. The Profit as per cost accounts was Rs.1,50,000. Calculate the profit as per financial accounts as per the following information:
- Works overhead were under recovered in the cost accounts by Rs.6,200
  - Administration expenses were under recorded in financial accounts by Rs.2,750
  - Depreciation charges over-recovered in cost accounts Rs.1,900
  - Interest received on investments Rs.1,000

### Section C

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

9. Explain the steps to be taken for the installation of a costing system.
10. The following data related to the manufacture of a product during the month of January.
- Materials Consumed Rs.80,000; Direct wages Rs.48,000; Machine hours worked 8,000 hours; Machine hour rate Rs.4; Office overhead 10% on works cost; Selling overhead Rs.1.50 per unit; Units Produced 4,000 units; Units Sold 3,600 units at Rs.50 each. Prepare a Cost sheet.
11. The stock in hand of a material as on 1<sup>st</sup> September was 500 units at Rs.10 per unit. The following purchases and issues were subsequently made. Prepare the Stores Ledger Account showing how the value of the issue would be recorded under FIFO method.

Purchases	Issues
6 <sup>th</sup> September 100 units at Rs.11	9 <sup>th</sup> September 500 units
20 <sup>th</sup> September 700 units at Rs.12	22 <sup>nd</sup> September 500 units
27 <sup>th</sup> September 400 units at Rs.13	30 <sup>th</sup> September 500 units
13 <sup>th</sup> October 1000 units at Rs.14	15 <sup>th</sup> October 500 units
20 <sup>th</sup> October 500 units at Rs.15	22 <sup>nd</sup> October 500 units
17 <sup>th</sup> November 400 units at Rs.16	11 <sup>th</sup> November 500 units

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12. From the following particulars, you are required to prepare statement of labour cost showing the cost per day of 8 hours.
- a) Monthly salary Rs.400.
  - b) Leave salary 5% of salary
  - c) Employer contribution to Provident Fund 8% of (a) & (b)..
  - d) Employer contribution to state insurance 2.5% of (a) & (b).
  - e) Pro-rata expenditure on amenities to labour Rs.35 per head per month.
  - f) Number of working hours in a month 200

13. A factory has three production departments A, B and C and two service departments X and Y. The overhead costs of the different departments incurred during March 2017 are as follows:

Departments	Costs (Rs.)
A	10,000
B	8,000
C	6,000
X	5,000
Y	3,000

The cost of department X has to be charged in the ratio of 2:2:1 and those of department Y equally to Departments A, B and C respectively. Find out overhead costs of each production department.

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