

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. CS - END SEMESTER EXAMINATIONS - APRIL 2025
SEMESTER - V

21UBCCT5013 - 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 scope and objectives of cost accounting.
2. Compute the economic order quantity and the number of orders per year from the following information:

Monthly consumption 3,000 units

Cost per unit Rs.54

Ordering cost Rs.150 per order

Inventory carrying cost 20% of the average inventory.

3. Compute the following particulars the earnings of workers A & B under straight piece rate system and Taylor's differential piece rate system.

Standard time allowed 25 units per hour

Normal time rate Rs.50 per hour

In a day of 8 hours A produced 150 units and B produced 250 units

4. Solve the overhead allocate to production departments A and B from the following:

There are two service department X and Y. X renders service to A and B in the ratio of 3:2 and Y renders service to A and B in the ratio of 9:1. overhead as per primary overhead distribution is:

A – Rs.49, 800; B – Rs.29, 600; X – Rs.15, 600; Y –Rs.10, 800.

5. Interpret the Accounts of a machine manufacturing company disclose information for six months ending 31st December 2021

	Rs.
Material	1,50,000
Direct Wages	1,20,000
Factory overheads	30,000
Administrative expenses	15,000

Prepare cost sheet for the half year and calculate the price which the company should quote for the manufacture of a machine requiring materials valued at Rs.1,250 and expenditure in productive wages Rs.750, so that the price might yield a profit of 20% on the selling price.

Contd...

6. From the following particulars, prepare the stores ledger by adopting First in First out method:

2021

March

- 1 Purchased 300 units at Rs.2 per unit
- 2 Purchased 600 units at Rs.3 per unit
- 5 Issued 400 units
- 8 Issued 200 units
- 10 Purchased 600 units at Rs.5 per unit
- 12 Issued 400 units

7. Calculate the labour turnover rate with the following information:

Number of workers at the beginning of the period : 300

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 these 150 workers are recruited to fill up vacancies and the rest are engaged on account of an expansion scheme.

8. Compute the machine hour rate determining the following particulars

	Rs.
Cost of machine	11,000
Scrap value	680
Repairs for the effective work life	1,500
Standing charges for 4 weekly period	40
Effective working life 10,000 hours	
Power used: 6 units per hour at 5 paise per unit	
Hours worked in 4 weekly period: 120 hours	

Section C

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

9. Explain the factors to be considered while installing a cost system.

10. Prepare a reconciliation statement from the following details:

	Rs.
Net loss as per cost accounting	3,44,800
Net loss as per financial accounts	4,32,890
Works overhead under recovered costing	6,240
Depreciation overcharged in costing	2,600
Interest on investments	17,500
Administrative overhead over recovered in costing	2,600
Goodwill written off	92,000
Stores adjustment in financial books(cr)	950
Depreciation of stock charged in financial books	13,500

Contd...

