

**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.(PA) END SEMESTER EXAMINATIONS NOVEMBER-2022**

**SEMESTER - V**

**19UPACT5014 - Cost Accounting**

**Total Duration : 2 Hrs 30 Mins.**

**Total Marks : 60**

**Section A**

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

1. Differentiate between Cost Accounting and Financial Accounting.
2. From the following particulars calculate the economic order quantity  
Annual requirement : 1,600 units  
Cost of material per unit : Rs.40  
Cost of placing and receiving one order : Rs.50  
Annual Carrying cost of inventory: 10% of inventory value
3. From the data given below illustrate piece work plan  
Normal time per unit 10 Minutes  
Time allowed is increased by 50%  
Actual units produced 200  
Rate per hour Rs.40
4. The production department of a factory furnishes following information for the month of October  
Materials used Rs.50,000  
Direct Wages Rs.30,000  
Labour hours worked 30,000  
Overhead chargeable to the department Rs.25,000, for order executed by the department during the period, the relevant information is as under  
Materials used Rs.5,000  
Direct Wages Rs.3,500  
Labour hours worked 1,600  
Calculate the overheads charges chargeable to the job by direct material cost percentage rate.
5. Calculate the machine hour rate from the following  
Cost of machine Rs.19,200  
Estimated Scrap Value Rs.1,200  
Average repair and maintenance charges per month Rs.150  
Standing charges allocated to machine per month Rs.50

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Effective working life of machine 10,000 hours

Running time per month 166 hours

Power used by machine : 5 units per hour @ 19 paise per unit.

6. Describe the features of Job Costing.
7. Prepare the process accounts from the following details relating to March 2022  
Materials               Rs.25,000  
Labour                   Rs.40,000  
Direct Expenses   Rs.15,000  
Overhead               Rs.10,000
8. Define a cost sheet.

### Section B

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

9. Discuss the nature and scope of cost accounting.
10. From the following information prepare a cost sheet for the month of December 2008

Stock on hand – 1.12.2021		Stock on hand – 31.12.2021	
	Rs.		Rs.
Raw materials	25,000	Raw materials	26,200
Finished goods	17,300	Finished goods	15,900

	Rs.
Purchase of raw materials	2,900
Carriage on purchases	1,100
Work in progress 1.12.2021	8,200
Work in progress 31.12.2021	9,100
Sales of Finished Goods	72,300
Direct Wages	17,200
Non-productive wages	800
Direct expenses	1,200
Factory overheads	8,300
Administrative Overheads	3,200
Selling and distribution overheads	4,200

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**SEMESTER - V**  
**19UPACT5014 - Cost Accounting**

11. The following is a history of the receipts and issue of motives in a factory during February, 2004:

February	1	Opening balance	500 kg @ Rs.0.25
	8	Issue	250 kg
,,	13	Receipts	200 kg @ Rs.24.50
,,	14	Refund from a work order	15 kg @ Rs.24.00
,,	16	Issue	180 kg
,,	20	Receipts	240 kg @ Rs.24.37
,,	24	Issue	304 kg

Issues are to be priced on the principles of FIFO. Stock verifier of the factory noted on 15<sup>th</sup> a shortage of 5kgs. Write out the complete Store ledger account in respect of the above motives for February, 2004.

12. A manufacturing concern is divided into four departments. A, B and C are production departments and X is a Service department.

The actual expenses for the period are as follows;

	<b>Rs.</b>
Rent	10,000
Depreciation on plant	4,500
Supervisory expenses	15,000
Power	9,000
Repairs to plant	6,000
Lighting expenses	1,000
Fire insurance on stock	5,000
Employer's liability for employee's insurance	1,500

The following information is available in respect of four departments

	<b>A</b>	<b>B</b>	<b>C</b>	<b>X</b>
Area in sq ft	1,500	1,100	900	500
Light points	15	11	9	5
Number of employees	200	150	100	50
Total wages (Rs.)	60,000	40,000	30,000	20,000
Value of plant (Rs.)	2,40,000	1,80,000	1,20,000	60,000
Value of stock (Rs.)	1,50,000	90,000	60,000	

Apportion the costs to the various department on the most equitable method.

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13. BSR Ltd., produces a product which goes through three process A,B and C before it is finished and sent to the godown for distribution. From the following details, ascertain the cost of the product at the end of each stage of production.

	<b>PROCESS (Values in Rs.)</b>		
	<b>A</b>	<b>B</b>	<b>C</b>
Raw materials	15,000	–	–
Other direct materials	35,000	23,000	20,000
Direct wages	13,000	12,000	21,000
Overheads	12,000	9,000	13,000
Output in units	15,000	16,000	18,000
Opening stock (units from previous process)	–	6,000	5,000
Closing stock (units from previous process)	–	5,000	3,000

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