647510 **BBAcstCC5060** **Seat No :________**

B.B.A. Semester - 5 (*CBCS*) Examination
Oct/Nov. - 2023(Old Course)
COST ACCOUNTING (CORE)

Time: 2:30 Hours **Marks: 70**

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate marks.

Que.1 What is cost accounting? Differentiate financial accounting from cost accounting. (14)

OR

Que.1 What is cost? Explain the nature, scope and need of cost accounting.

Que.2 Guddi ltd. uses three types of materials A,B and C, following are the information of it: (14)

Raw materials	Consumption (k.g.)	Re-order quantity (k.g.)	Price (per k.g.)	Weekly period for delivery	Ordering level (k.g.)	Minimum quantity (k.g.)
A	10	10,000	1.00	1 to 3	8,000	-
B	4	5,000	3.00	3 to 5	4750	-
C	6	10,000	1.50	2 to 4	-	2,000

Weekly production changes between 175 to 225 units and its average is of 200 units.
Find out the following levels:

1. Minimum level of ‘A’
2. Maximum level of ‘B’
3. Re-ordering level of ‘C’
4. Average stock of ‘A’

OR

Que.2 From the following data of shah ltd. find out:

1. Consumption of inventory
2. Average stock
3. Inventory turn-over ratio
4. Which material is fast moving among both? Explain.

	Material X (Rs.)	**Material Y (Rs.)**
Opening stock	40,000	36,000
Purchase	2,08,000	1,08,000
Closing stock	24,000	48,000

Que.3 Time allowed for completion of work is 150 hours and time taken to complete the work is 125 hours. labour rate per hour is Rs. 4.80 and if material consumed is for Rs. 350 and factory overheads are 25% of prime cost, find out factory cost as per halsey premium plan and rowan plan. (14)

OR

Que.3 From the records of raj ltd. following details are available for march 2023.

Number of workers at beginning of the month	570
Number of workers at end of the month	630
Number of workers relieved	18
Number of workers retired	2
Number of workers resigned	4
Number of workers appointed on existing post	12
Number of workers newly appointed due to expansion programme	70

Calculate labour turnover rate by various methods.

Que.4 Details of indirect expenses for first six months of jay ltd. are as under: (14)

Expenses	Amount (Rs.)
Ancillary dept:	
X	10,000
Y	7,500
Z	12,500
Manufacturing dept:	
A	22,500
B	12,500
C	17,500

Other information:

Details	Dept. Z	Dept. X	Dept. Y	Dept. A	Dept. B	Dept. C
Dept. Z	-	20%	20%	30%	20%	10%
Dept. X	-	-	20%	20%	25%	35%
Dept. Y	-	-	-	40%	30%	30%

Prepare statement of distribution of expenses from the above information.

OR

Que.4 Following are the figures of overheads of a factory during July 2023. Determine machine hour rate for machine A which operates for 108 hours during the month.

	Rs.
Rent and taxes	1,500
Power	600
Light	200
Miscellaneous expenses	300
Depreciation	200
Canteen expenses	200
Indirect labour	200
Repairs	100

Additional information furnished as under:

Machine	Space occupied (sq. ft.)	Lighting points	Plant value (Rs.)	No. of employees	Power (Rs.)	Direct labour (Rs.)
A	200	4	25,000	3	250	200
B	400	12	15,000	6	150	300
C	600	24	10,000	6	200	500

Que.5 From the following information you are required to ascertain cost per ton kilometer of a truck transporting goods. (14)

Transportation of load in one week: total 30 tons
Total kilometer in one week: 597 kms
Other information for above truck is given below:

Day	**Kilometers**	**Tones**
Monday	115	6.0
Tuesday	125	5.0
Wednesday	110	4.0
Thursday	100	5.5
Friday	80	4.5
Saturday	67	5.0
Total	**597**	**30**

1. driver's wages (monthly) Rs. 1,200
2. cleaner's wages (monthly) Rs. 600
3. petrol, oil etc. per kilometer Rs. 0.50
4. repairs and maintenance (monthly) Rs. 286
5. depreciation (annual) Rs. 7,200
6. other expenses (monthly) Rs. 920

Four weeks are to be considered in a month.

OR

Que.5 Following details are available from the books and records of Nayana manufacturing co. for the month of April 2023. Direct wages Rs. 64,600 (160% of factory overheads). Production cost of goods sold Rs. 2,24,000.

Accounts of material shows following balance:

Particulars	**April-1 (Rs.)**	**April-31 (Rs.)**
Raw materials	32,000	34,000
Work-in-progress (basis of prime cost)	32,000	48,000
Finished goods	56,000	72,000
Selling expenses	-	14,000
Office expenses	-	10,000
Selling during the month	-	3,00,000

You have to prepare cost sheet showing earned profit and price of sold and produced goods.

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