647510 **BBAcstCC5060** **Seat No :_________**

B.B.A. Semester - 5 (*CBCS*) Examination
Oct/Nov.– 2019
COST ACCOUNTING(CORE)

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

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

Que-1(A) From the following information find out different levels of materials of Mahadev Ltd.: (10)

Maximum delivery period	30days
Maximum delivery period	20days
For emergency procurement	5days
Economics order quantity	9600units
Maximum consumption of material	2400units
Minimum Consumption of Material	800units

Que-1(B) From the following information calculate Inventory ratio and turnover Period (04)

(1) Opening stock 3600units
(2) Purchase (annum) Rs 108000
(3) Closing Stock Rs 48000

OR

Que-1(A) Calculate the inventory turnover ratio and inventory turnover period from the particulars given below (07)

Order Level	8000 units
Maximum stock level	24000 units
Minimum stock level	4000 units
Re-ordering Quantity	20000 units
Normal usage per day	800 units

Que-1(B) Stock Turnover Ratio=8,
Average stock = Rs 50,000 (07)
Closing stock is Rs 10,000 more than opening stock
Find out (1) Opening stock (2) closing stock (3) Purchase (4) Turnover period

Que-2 Form the following details calculate total wage and effective rate of earning per hour under Halsey and Rowan Plan. And also effective per hour. (14)

Name of Worker	A	B	C	D	E
Standard time allowed in Hours	3	4	5	6	7
Actual Hours	5	3	4	5	3
Wage Per hour	2.00	2.00	2.00	2.00	2.00

Que-2 From the records of Bhagyoday Mills following details is available for April 2019. (14)

No of workers at beginning of the month	1140
No of workers at end of the month	1260
No of employees releaved	36
No of employees retired	04
No of employees resigned	08
No of worker employees appointed on existing post	24
No of employees newly appointed due to expansion programme	140

Calculate Labour turnover Rate by Various Methods.

Que-3 X,Y and Z are production Dept and No.1 No.2 are service departments of Aadhunik Machine Ltd. Calculate Labour Hour rate from following detail. (14)

Indirect material	15,000
Rent and taxes	10,000
Indirect labour	10,000
Power	15,000
Machinery depreciation	25,000
Lighting	500
Building depreciation	5,000
General expenses	15,000
	95,500

Additional Information

Particulars	Production depts…			Service depts..	
	X	Y	Z	1	2
Direct material	20,000 0	10,000	10,000	6,000	5,000
Direct lab our	15,000	15,000	4,000	2,000	4,000
Cost of machines	60,000	1,00,000	40,000	25,000	25,000
Space occupied (sq.ft.)	15,000	10,000	10,000	5,000	10,000
Horse power	50	60	30	5	5
Lighting points	15	10	10	5	10
Labour Hours	5,000	5,000	2,000	1,000	2,000

Expenses of service Department are to be distributed as under

Particulars	X	Y	Z	1	2
Service Dept. no.1	40%	20%	30%	-	10%
Service Dept. no.2	30%	30%	40%	-	-

OR

Que-3 Following details are available from books of A Birju Ltd. (14)

Particulars	Department 1	Department 2	Department 3
Indirect material	400	600	200
repair	1,000	2,000	1,000
Expenses of service dept.	600	600	400
Plant value	1,00,000	80,000	60,000
Plant hours	1,000	3,000	2,000
Space occupied (sq.ft)	1,000	2,000	1,000
Horse power	50	30	20

Other Expenses

Depreciation Rs 23,000, Power Rs 5,400, Salary Rs 24,000, Insurance Premium Rs 2400, Light Rs 800

You have to calculate

Machine Hour rate for each department for absorption of overheads, In a job cost of material is Rs 200 and Labour Rs 40 and Job passes through Department 1,2 and 3 for 2 hours, 5 hours, and 4 hours respectively. Find out the cost cost of the job.

Que-4 Bansi Ltd. Manufactured and sold 2,000 instruments for the year ending 31-03-2019 (14)

Summarized Trading and P&L A/c for the year is as under

Particulars	Rs.	Particulars	Rs.
To direct materials	4,00,000	By Sales	15,50,000
To wages	6,00,000		
To manufacturing Charges	3,00,000		
To Gross Profit	2,50,000		
	15,50,000		15,50,000
		By Gross profit	2,50,000
To Administrative Expenses Fixed 1,00,000 Variable 20,000	1,20,000		
To Selling Expenses Fixed 10,000 Variable 40,000	50,000		
To Net Profit	80,000		
	2,50,000		2,50,000

Additional Information for the year 2018-2019

(1) Production and sales will be of 2,500 Instruments
(2) Price of materials will rise by 25%
(3) Wages rates will rise by 10%
(4) Manufacturing charges will increase in proportion to the combined cost (or expenses) Of materials and wages.

Prepare an estimated cost sheet, showing the price at which instruments to be sold in 2018-19 as to earn profit of 20% on selling price.

OR

Oue-4 Binal Travels has a tempo. They have provided you the following information. You are required to prepare statement showing calculation cost of travelling per K.M. (14)

Particulars	Amt.
Cost of tempo	1,00,000
Road Lines fee (annual)	3.000
Supervision and salary (expenses Annual)	7200
Driver's wages per hour	16
Petrol expenses per liter	6
Repairs and maintenance expenses (per K.M.)	4
Tyre expenses (per K.M.)	2
Garage expenses (annual)	6400
Insurances premium (annual)	3400
Average K.M. per Liter	20 K.M.
Travelling during the year	30,000 K.M.
Estimated life of tempo	1,50,000 K.M.
Annual interest (rate on cost of tempo)	10%
Running of tempo per hour (average)	20 K.M.

Que-5 Write a short note: (Any two) (14)

(1) Merits and Demerits of cost Accounting.
(2) Difference Between Financial Accounting and cost Accounting.
(3) Classification of Cost

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