

Goa Vidyaprasarak Mandal's
GOPAL GOVIND POY RAITURCARCOLLEGE OF COMMERCE AND ECONOMICS
FARMAGUDI, PONDA-GOA
B.COM.CBCS (SEMESTER--V) REPEAT EXAMINATION, JUNE/JULY 2022
COST ACCOUNTING MAJOR 2 (DSE 2)

Duration: 2 Hours

Max. Marks: 80

Instructions: 1. Question No. 1 is compulsory.

2. Answer any 3 questions from 2 to 6.

3. Give working notes wherever necessary.

4. All questions carry equal marks.

Q.1) The following information was obtained from GOA LTD which has 3 production departments XY AND Z and 2 service departments A & B for the year 2021.

BASE	Production Depts.			Service Depts.		
	X	Y	Z	A	B	
Direct Wages (Rs)		40000	60000	80000	10000	15000
Direct Materials (Rs)		80000	90000	70000	8000	5000
Area occupied (sq. mtrs)		20	30	30	10	20
Workers		25	10	15	05	05
Asset Value (Rs)		180000	150000	140000	80000	60000
Light Points		20	30	40	10	10
Power in Kwh		40	30	20	10	05

Following expenses were incurred during the year (in Rs)

Building Rent 60000	Power expense 40000	Stores expense 8000
Light bill 10000	Labour welfare 25000	Depreciation 10000
PF contribution 20000	Building repair 18000	Sundry expense 4000

Expense of service department A should be re-distributed to all the production departments in the ratio of 2:3:5 and of department B in the ratio of 3:4:3 to department X Y and Z under Secondary Distribution Summary. (20 marks)

Q.2) Following is the information of worker INDU for a week.

Weekly working hours. 48

Wage rate per hour Rs. 180

Rate per article Rs. 75

Normal time per article 20 minutes

Actual output 162 articles

Find out his weekly wages under

1. Halsey and Rowan Plan

2. Straight (direct) piece rate Method

3. F W Taylor's Method. (80% and 120% of piece rate formula)(20)

Q.3.a) From the following data find out MHR. (12)

Yearly rent of the machine shop Rs. 84000

Insurance monthly Rs. 1000

BiMonthly maintenance of the machine Rs. 2000

Depreciation of the machine Rs. 12000

Monthly salary of a machine operator Rs. 12000

Monthly salary of a helper Rs. 8000

Sundry expenses per quarter of machine Rs. 3000

Annual working hours of machine 3600

Machine consumes 5 units of power per hour at the rate of Rs. 6 per unit.

b) The following is the budget of a workshop for the year 2022 (08)

Factory overheads Rs. 50000 Direct labour cost Rs. 75000

Direct labour hours 30000

Find out overhead absorption rates using direct labour hour and labour cost method.

Also prepare a comparative statement of cost of Job No 101 when direct labour cost

Rs. 18000, direct material cost Rs 20000 and direct labour hours 5000.

