

Reg. No. :

Name :

Fifth Semester B.Com. Degree Examination, April 2022

First Degree Programme under CSS

SDE

Core Course XII

CO 1542 : COST ACCOUNTING

(2017 Admission onwards)

Time : 3 Hours

Max. Marks : 80

SECTION – A

Answer **all** questions in **one** or **two** sentences. **Each** question carries **1** mark.

1. How costs are classified on the basis of variability?
2. What is Material Requisition Note?
3. What is lead time?
4. What is meant by idle time?
5. What is time keeping?
6. What is meant by apportionment of costs?
7. Which are the methods of codification of overheads?
8. How does departmentalization help the process of proper absorption of production overheads?

9. Which are the ledgers maintained under non-integral accounting system?
10. Define the term costing.

(10 × 1 = 10 Marks)

SECTION – B

Answer any **eight** questions in not exceeding one paragraph. **Each** question carries **2** marks.

11. Why does overtime work arise in a company?
12. What are opportunity costs?
13. Which are the bases of Overhead absorption?
14. What are cost units?
15. What is meant by rated capacity?
16. How do compute 'works cost'?
17. When under absorption happens?
18. What is FSN analysis?
19. What are the duties of storekeeper?
20. What are bin cards?
21. When is Barth System of wage payments suitable?
22. Which are the methods of segregating semi variable costs into fixed and variable?

(8 × 2 = 16 Marks)

SECTION – C

Answer any **six** questions. **Each** question carries **4** marks.

23. Calculate the earning of a worker under Halsey plan and rowan plan, from the following particulars

- Hourly rate of wages guaranteed Rs.50 per hour
- Standard time for producing one dozen articles 3 hrs
- Actual time taken by the worker to produce 20 dozen articles 48 hours

24. Which are the types of cost ascertainment?

25. Calculate different stock levels for material XX12, using the following particulars

Maximum usage 250 units per day; Minimum usage 120 units per day; Average usage 200 units per day; Reorder period 5 to 15 days; reorder quantity 2000 units

26. What are the features of cost accounting system?

27. Calculate EOQ from the following information. Also state total annual inventory cost

Annual demand 2400 units.	Unit price Rs. 2.40
Order placing costs per order Rs.4	interest rate 10% p.a
lead time half month	storage costs are 2% p.a

28. From the extracts of A Ltd, calculate Labour turnover under different methods

Number of employees at the beginning of 2018	150
Number of employees at the end of 2018	200
Number of employees resigned	20
Number of employees discharged	5
Number of employees replaced due to resignations and discharges	20

29. Which are the different types of activities for Activity Based Costing purpose?
30. Which are the different types of cost drivers in Activity Based Costing?
31. Prepare a cost sheet from the following data to find out profit and cost per unit

Raw materials consumed	Rs.160,000	selling overheads	Rs.12,000
Direct wages	Rs.80,000	unit produced	4,000
Factory overheads	Rs.16,000	units sold	3600
Office overheads 10% of factory cost		selling price	Rs.100 pu

(6 × 4 = 24 Marks)

SECTION – D

Answer any **two** questions. Each question carries **15** marks.

32. Under FIFO method, prepare priced stores ledger, with the following information of September

Date	Transaction	Particulars
1	Opening balance	25 units at Rs.1625
4	Issue Req No.85	8 units
6	Receipts from B& CO. GRN No.26	50 units at Rs.57.5 per unit
7	Issue Req No. 97	12 units
10	Returns to B&Co	10 units
12	Issue Req No. 108	15 units
13	Issue Req No.110	20 units
15	Receipts from M& CO GRN No.33	25 units at Rs.61.0 per unit
17	Issue Req No.121	10 units
19	Received replacement from B& CO	10 units
20	Returned from dept material to M&Co	5 units
22	Transfer from Job K2 to K7	5 units
26	Issue Req No.146	10 units
29	Transfer from Dept A to Dept B	5 units
30	Shortage in stock taking	2 units

33. The following data obtained from the books of a light engineering Company for the half year ended 30th September 1995. Calculate the departmental overhead rates for each of the production departments assuming that the overheads are recovered as a percentage of direct wages

Particulars		Production departments			Service departments	
		A	B	C	X	Y
Direct wages	Rs.	7,000	6,000	5,000	1,000	1,000
Direct materials	Rs.	3,000	2,500	2,000	1,500	1,000
Employees	Nos	200	150	150	50	50
Electricity	Kwh	8,000	6,000	6,000	2,000	3,000
Light point	Nos	10	15	15	5	5
Asset values	Rs.	50,000	30,000	20,000	10,000	10,000
Area occupied	SQ Yds	600	600	600	200	200

The expenses for 6 months were; stores overhead Rs.400, motive power Rs.1500, electric lighting Rs.200, labour welfare 3,000 depreciation 6,000 repairs and maintenance 1200, general overheads Rs.10,000 rent and taxes Rs.600. Apportion the expenses of Dept X in the ratio 4:3:3 and that Dept Y in proportion of direct wages, to depts. A, B and C respectively.

34. Prepare a reconciliation statement from the following

	Rs.
Profit as per cost records	1,45,500
Works overhead under recovered	9,500
Administrative overhead under recovered	22,750
Selling overhead over recovered	19,500

	Rs.
Overvaluation of opening stock in cost accounts	15,000
Overvaluation of closing stock in cost accounts	7,500
Interest earned during the year	3,750
Rent received during the year	27,000
Bad debt written off during the year	9,000
Preliminary expenses written off during the year	18,000

35. Briefly explain the cost accounting standard in India.

(2 × 15 = 30 Marks)
