Name **26U503-S**

Reg. No ....

B. COM. DEGREE END SEMESTER (SAY) EXAMINATION - MAY 2026

SEMESTER 5 : COMMERCE

COURSE : **19U5CRCOM17 : COST ACCOUNTING**

(For Supplementary (SAY) 2023 Admission)

Time : Three Hours Max. Marks: 75

PART A
Answer any 10 (2 marks each)

1. The profit as per financial accounts Rs.1,64,190. Calculate the amount of profit as per cost accounts from the following data.

The works overhead were under recorded in the financial account	Rs.8,000
The office expenses were under recorded in the financial account	Rs.3,000
Depreciation charges were over recorded in the cost account	Rs.1,900
Dividend received amounted to	Rs. 990

2. After inviting tenders, two quotations are received as follows:
Supplier A: Rs. 2.20 per unit
Supplier B: Rs. 2.10 per unit plus Rs. 2,000 fixed charges irrespective of units ordered.
Calculate the order quantity for which the purchase price per unit will be the same.
Considering all factors regarding the production requirements and availability of finance the purchase officer wants to place an order for 15,000 units. Which supplier should be selected?
3. Name the various types of responsibility centres.
4. What is Opportunity cost?
5. What is piece rate system?
6. What is prime cost?
7. Calculate wages due to a worker from the following data:
Normal hours in a week - 44 hours
Actual booked hours. - 50 hours
Rate per hour: normal. - ₹ 100
Overtime. - 200% of the normal rate
8. What is Imputed cost?
9. What is cost allocation?
10. What is Shut down cost?
11. Indicate the basis you would adopt for apportionment of the following items of overhead expenses to different departments:
(a) Indirect materials (b) Indirect wages (c) Factory rent (d) Factory lighting
(e) Depreciation (f) Supervision (g) Repairs to plant (h) Factory cleaning
(i) Insurance of building. (j) General expenses (k) Employer's contribution to E.S.I.
(1) Employer's contribution to provident fund (m) Welfare expenses.
12. What is scrap?

(2 x 10 = 20)

PART B
Answer any 5 (5 marks each)

13. What is meant by allocation and apportionment of overhead?

14. Sam finishes a work in 480 hours as against 600 hours allowed. His hourly rate is Rs: 5. He gets a dearness allowance of Rs: 16 per day of 8 hours worked in addition to his wages. Calculate his total earnings under Halsey and Rowan Plans .

15. Explain the various methods of costing.

16. Distinguish between purchase requisition and purchase order.

17. From the following particulars given below compute Machine hour rate for a machine.
    a. Cost Rs. 24,000
    b. Scrap value Rs. 4,000
    c. Estimated Working life 40,000 hours
    d. Estimated cost of repairs and maintenance during the whole life Rs. 2,000
    e. Standard charges of the shop for 4 weekly period Rs. 3,000
    f. Working hours in 4 weekly period 100 hours
    g. No. of machines in the shop each of which is liable for equal charge are 30 machines.

    Power used per hour 4 units @ 10p. per unit.

18. Explain the various methods of time keeping.

19. Two components A and B are used as follows.

Normal usage	300 units per week each
Maximum usage	450 units per week
Minimum usage	150 units per week
Re-order quantity	A- 2,400 units, B- 3,600 units
Reorder period	A-4 to 6 weeks, B – 2 to 4 weeks

    Calculate for each component-

    a. Re-order level b. Minimum level c. Maximum level d. Average stock level

20. The following information has been obtained from the costing records of ANAMIKA ltd. For the month of April 2020

PARTICULARS	On 1-4-2020 Rs.	On 31-4-2020 Rs.
Cost of materials	15,000	18,000
Cost of work in progress	7000	6000
Cost of finished stock	28,000	34,000
Productive wages	38,000	
Manufacturing overheads	18,000	
Office expenses	12,000	
Purchase of raw materials	1,20,000	
Selling &distribution expenses	8000	
Sales	2,20,000	

Prepare a cost sheet showing total cost and profit for the period.

(5 x 5 = 25)

PART C

Answer any 3 (10 marks each)

21. The overhead costs allocated to the three production cost centers and two service cost centers of a manufacturing company were

Production cost centers:	
1 -	Rs. 20,000
2 -	Rs. 24,000
3 -	Rs. 36,000
Service cost centers	
S -	Rs. 13,500
T -	Rs. 9,500

The cost of the service cost centers are allocated as follows:

	1	2	3	S	T
Service cost centers:					
S:	-	55%	35%	-	10%
T:	45%	35%	15%	5%	-

Prepare a statement showing total overhead cost chargeable to each production department using repeated distribution method.

22. From the following data, relating of Alpha Engineering Ltd. during the month of December 2018, prepare a cost sheet showing cost and profit per unit.

	Rs.
Raw material used	40,000
Direct wages	24,000
Machine hours worked	9500 hrs
Machine hour rate	Rs.4 per hr
Office Overheads	20% of works cost
Selling Overheads	Rs.1 per unit
Unit produced	20,000
Units sold	18,000 @ Rs.10 per unit

23. Enter the following transactions in the stores ledger of XYZ Ltd., pricing the materials by LIFO and FIFO methods. Show the balance of inventory after each transaction.
May 2019,
1. Balance 50 units at 50ps per unit, Rs.25
2. Ordered 200 units, purchase order 55, expected May 6
3. Issued 25 units, Requisition No.100, Department A.
4. Ordered 100 units, purchase order 65, expected May 6
5. Received 200 units at 30ps per unit, purchase order No.55
7. Issued 150 units Requisition No.105, production order 115
8. Returned to stock room 10 units from Department A, Requisition No.100
10. Received 75 units at 75 paise per unit, purchase order 65

12. Ordered 100 units, purchase order 77, expected May 20
15. Issued 160 units, Requisition No.125, production order 328
18. Received 25 units, balance of purchase order 65, at 75 ps per unit
21. Issued 5 units, Requisition No.130, to Department B
23. Returned to vendor 15 units from purchase order 65 received on May 18
25. Received 100 units, purchase order 77 at 50 ps per unit.
27. Freight as per purchase order 77, Rs.25
29. Issued 50 units to Dept. B
30. Transferred 10 units from Dept. A to Dept. B.

24. Explain the main differences between financial accounting and cost accounting.

25. The profit as per cost account is Rs.86,250. The following points are found out on comparison between cost account and financial account.

	Cost Account	Financial Account
A) Opening stock		
Materials	10,300	10,500
WIP	8,000	8,500
B) Closing stock		
Materials	15,000	14,200
WIP	6,000	5,600

A) Dividend and interest received. Rs.600
B) Loss on sale of investment Rs.1,000
C) Goodwill written off. Rs.2,500
D) preliminary expenses have been written off Rs.3,000

Overheads incurred Rs.40,600 but overhead absorbed amount to Rs.38,500. Find out profit as per financial account by preparing Reconciliation statement.

(10 x 3 = 30)