

13/12/2024

**Duration: 2.5 Hrs.****Total Marks: 75**

Note: 1) All questions are compulsory

2) All workings should form part of the answer.

**Q.1. a) Multiple Choice Questions: (any 8)****(08)**

1. Uniform costing helps an organisation in \_\_\_\_\_

a. installation of costing system

b. Installation of Machinery

c. Installation of equipment

d. Installation of Plant

2. \_\_\_\_\_ is a technique by which the performances, efficiencies, costs and profits of firms in an industry are studied for relative comparison

a. Inter-firm comparison

b. Operating costing

c. Process Costing

d. Cost control

3. In Integrated System, Sales ledger shows \_\_\_\_\_

a. accounts of creditors

b. accounts of customers

c. accounts of expenses

d. accounts of non-operating income

4. In Integrated System, Material purchased for stores is debited to \_\_\_\_\_

a. Stores ledger control A/c

b. General Ledger Adjustment A/c

c. Wages Control A/c

d. Administrative Overheads Control A/c

5. Control Accounts provide a basis for \_\_\_\_\_

a. reconciliation of cost and financial accounts

b. reconciliation of cost and management accounts

c. reconciliation of financial accounts and management accounts

d. Reconciliation of cost and economic accounts

6. In cost accounts there are no \_\_\_\_\_

a. personal accounts

b. real accounts

c. nominal accounts

d. none of these

7. A truck in a transport company carries 10 ton capacity, number of days operated is 25, distance 200 kms each way. The number of ton kms for the month is \_\_\_\_\_

a. 40,000 ton kms

b. 50,000 ton kms

c. 45,000 ton kms

d. 30,000 ton kms



8. \_\_\_\_\_ is a system of costing employed to find the cost of rendering a service
- Operating Costing
  - Operation Costing
  - Process Costing
  - Employee costing
9. Equivalent production of 1,000 units, 70% complete in overheads is \_\_\_\_\_
- 1,000 units
  - 1,700 units
  - 700 units
  - 1,070 units
10. Target Cost is \_\_\_\_\_
- Competitive price minus desired profit
  - Competitive price plus desired profit
  - Competitive Price divided by desired profit
  - Competitive price multiplied by desired profit

Q.1. b) State whether the following statements are True or False: (Any 7) (07)

- Uniform cost manual contains detailed instructions, plans and procedures to be followed
- Profit on sale is credited to costing Profit & loss Account in non –integrated system.
- In Stores ledger, entries are made on the basis of Goods Received Notes, Material Returned notes, Transfer Notes and Material Requisition Slips
- In Road maintenance industry, per k.m of road maintained is composite cost unit
- The sale value of unit of abnormal loss is credited to the abnormal loss account.
- Abnormal loss occurs in addition to normal loss
- Inter-firm comparison does not maximize profitability
- General ledger adjustment A/c shows real accounts
- The cost of abnormal gain is debited to process account.
- Activity Based Costing is based on the belief that activities do not cause cost

Q. 2. a) Mr. Parekh owns a bus that runs between Delhi and Chandigarh. From the following details, you are required to calculate a suggested fare per passenger/kilometer (15)

Purchase price of Bus	Rs. 25,00,000
Length of the route	200 kms
Insurance	Rs. 1,00,000 p.a.
Garage Rent	Rs. 2,00,000 p.a.
Road Tax and Permit Fees	Rs. 25,000 p.a.
Repairs and Maintenance	Rs. 80,000 p.a.
Administrative Charges	Rs. 20,000 p.a.
Driver's Wages	Rs. 25,000 per month
Conductor's Wages	Rs. 15,000 per month
Repairs of Tyre Tube	Rs. 20,000 p.a.
Diesel and Oil per kilometre	Rs. 25
Annual interest on loan	Rs. 60,000 p.a.



Effective life of the vehicle is estimated at 10 years at the end of which it will have a scrap value of Rs. 1,25,000. The bus has a seating capacity of 30 seats and is planned to make 2 trips each day for 25 days per month. Provide profit @20% of total revenue.

OR

Q. 2. b) During a month 60,000 units were introduced into Process P. The Process costs were as follows : (15)

Direct Materials : Rs. 4,53,000

Direct Wages : Rs. 2,58,750

Factory Overheads : Rs.1,55,250

The normal loss was estimated at 10% on input. At the end of the month, 48,000 units have been produced and transferred to Process Q. 7,500 units had been scrapped (scrapped units had been completely processed and realised Rs. 5 per unit) and 4,500 units were incomplete and the stage of completion in respect of these units were estimated to be Materials : 75%, Labour : 50%, Overheads: 50%

Required :

- Statement of Equivalent units of production
- Cost per equivalent unit
- Statement of evaluation
- Process P A/c.

Q. 3. a) Minion Dave is a product that passes through three processes before completion. The output of each process is charged to the next process at a price which gives a calculated profit of 20% of the transfer price. The output of Process C is charged to Finished Stock Account in a similar manner. Stock in each process have been valued at prime cost of the process. The following data are obtained at the end of March 2024: (15)

Particulars	Process A(Rs.)	Process B (Rs.)	Process C (Rs.)	Finished Stock (Rs.)
Direct Materials	84,000	96,000	1,44,000	-
Direct Wages	1,08,000	1,44,000	1,86,000	-
Production Overheads	72,000	1,03,200	1,29,000	-
Stock on 31-3-2024	24,000	43,200	81,000	1,26,900
Sales	-	-	-	16,20,000

Prepare : 1. Process A Account

2. Process B Account

3. Process C Account

4. Finished Stock Account

5. Actual Realised profit statement



OR

Q.3. b) Newtech Computers manufacturing Keyboard for computers. They use Activity-Based Costing to assign manufacturing overheads to product. The data relating to one of the their product wireless Keyboard and the ABC cost pools are given below.

Wireless Keyboard: annual production 24,000 units, Direct Material per unit Rs. 372, Direct Labour per unit Rs.72.

(15)

a) Manufacturing overhead cost pools

Cost Pool	Cost (Rs.)	Cost Drivers
Material Ordering	96,00,000	Number of purchase order
Material Inspection	48,00,000	Number of Receiving Reports
Equipment setup	2,40,00,000	Number of setups
Quality Control	1,08,00,000	Number of inspection
Others	18,00,00,000	Direct labour cost
	22,92,00,000	

b) Activity information related to cost divers

Cost Pool	Annual Activity	
	All Products	Wireless Keyboard
Material Ordering	12,00,000 orders	12,000 Orders
Material Inspection	24,000 Receiving reports	3,600 reports
Equipment setup	1200 setups	12setup
Quality Control	48,000 inspections	4,800 inspection
Others	12,00,000 direct labour hours	1,44,000 direct labour hours

Required:

- Calculate the overhead rate per unit of activity for each of the 5 cost pools.
- Calculate the total overhead assigned to the production of the Wireless Keyboard.
- Calculate the overhead cost per unit for the wireless Keyboard.
- Calculate the Total unit cost for the wireless keyboard.

Q.4. a) As on 31<sup>st</sup> March 2024, the following were extracted from the books of the Virat Manufacturing company, which follows Non Integrated System of cost Accounting:

(15)

Particulars	Debit Rs.	Credit (Rs.)
Store Ledger Control A/c	2,24,000	-
Work-In- Progress Control A/c	2,43,200	-
Finished Goods control A/c	1,60,000	-
Cost Ledger Control A/c		6,27,200
	6,27,200	6,27,200

The Following transaction took place in April 2024

Particulars	Amt Rs.	Particular	Amt Rs.
Raw material:		Indirect Wages	1,60,000
i) Purchased	6,08,000	Factory expenses incurred	3,20,000
ii) Return to Supplier	19,200	Selling and administration expense	2,56,000
iii) Issued to Production	6,27,200	Cost of finished goods transferred	
iv) Returned to stores	19,200	to warehouse	13,63,200
Productive wages	2,56,000	Cost of goods sold	13,44,000
		Sales	19,20,000



Factory Overheads are applied to Production at 150% of direct wages, any under/ over absorbed overheads being carried forward for adjustment in the subsequent months. All selling and administrative expenses are treated as period costs and charged off to the Costing Profit and Loss Account of the month in which they are incurred.

You are required to prepare :

1. Store Ledger Control A/c
2. Factory Overhead Control A/c
3. Work In Progress Control A/c
4. Finished Stock Ledger Control A/c
5. Cost Ledger control A/c
6. Trial Balance (as on 30<sup>th</sup> April 2024)

OR

Q.4. b) Pass journal entries for the following transaction of MVM Ltd for the month of June 2024 under Integrated system of Accounting. (15)

Rs.

1. Material purchased from Rahul & Co.	6,00,000
2. Material issued to production	3,75,000
3. Wages paid to worker	1,50,000
4. Wages applied to production	1,05,000
5. Factory overhead incurred	1,42,500
6. Material damage having no scrap value	15,000
7. Selling expenses incurred	75,000
8. Office expenses applied to cost of sales	67,500
9. Finished goods at cost	10,20,000
10. Wages applied to Factory(20%of wages paid to workers	
11. Sales to Angel Ltd (80% on credit)	13,50,000

Q.5 a) Explain the Non-integrated Costing system. (08)

b) Explain in brief the advantages of Uniform Costing (07)

Q.5 c) Write short notes on (Any 3) (15)

1. Unit Level Activities
2. Equivalent units
3. Features of Non- Integrated system
4. Operating Costing
5. Store Ledger Control A/c

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