

Anjuman Islam Janjira Degree College of Science
Murud-Janjira, Raigad-402401
Affiliated to University of Mumbai

Class: -F.Y.B.A.F.	Subject: - Cost Accounting
Semester: - I	Course code: - UA-FFSL.2
Exam Event:- Additional Exam Summer 2024 (FH)	Marks: 75
Date: - 28/03/2024	Duration: - 2 Hours 30 Mins

N.B:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Use of log-table/nonprogrammable calculator is allowed.
4. Answer for the same question as far as possible should be written together.

Q.1 (A) Match the following columns. (any eight)

08

Group ' A'	Group ' B'
1. Prime cost	i. Records time by a worker in a factory
2. Delivery note	ii. Indirect costs
3. Average stock	iii. Time spent on machine
4. Cost of production	iv. 50% of time saved is shared
5. Purchase requisition	v. Acknowledgement of goods delivery
6. Time-Keeping department	vi. Plant value
7. Halsey Premium Plan	vii. Factory cost plus office overheads
8. Overheads	viii. Direct costs
9. Depreciation	ix. Show requirements of material
10. Supervision	x. Average of opening and closing stock

B) State whether following sentences are True or False. (any seven) `

07

- 1) Packing of material is selling cost.
- 2) Cost information is an essential tool of management.
- 3) Direct materials are the material which can be directly related to the cost center.
- 4) Store Ledger shows movement of materials showing quantity and value.
- 5) Valuation of closing stock is the same under FIFO and LIFO method.
- 6) Rent is apportioned on the basis of floor area occupied.
- 7) Delivery challan is an evidence of delivery of materials.
- 8) Allocation and apportionment of overheads means the same thing.
- 9) Power is allocated on the basis of H.P. of machines.
- 10) Piece rate method pays the workers by results

Q.2 Attempt any one of the following.

15

A. Classify the following items:

15

a. On the basis of traceability to product:

1. Carriage inward
2. Primary Packing
3. Directors fees
4. Audit fees
5. Royalty on Production

pb. On the basis of behavior to change in the level of activity:

1. Telephone charges
2. Factory Insurance
3. Cost of raw material
4. Customs duty on raw material
5. Managers salary

c. On the basis of function:

1. Fuel and oil
2. Lawyer's Fees
3. Salesman's Salary
4. Depreciation on furniture
5. Printing and Stationary

OR

B. The following transactions occur in the purchase and issue of a material:

15

2 January	Purchased	4,000 units at Rs 4.00 per unit
20	Purchased	500 units at Rs 5.00 per unit
5 February	Issued	2,000 units
10	Purchased	6,000 units at Rs 6.00 per unit
12	Issued	4,000 units
2 March	Issued	1,000 units
5	Issued	2,000 units
15	Purchased	4,500 units at Rs 5.50 per unit
20	Issued	3,000 units

Prepare stores ledger account using the

(a) simple average method and (b) weighted average method.

Q.3 Attempt any one of the following.

15

A. 1. Compute the re-order level, minimum level, maximum level, average stock level for components A and B based on the following data:

08

	A	B
Maximum consumption per week	150 units	150 units
Average Consumption per week	100 units	100 units
Minimum consumption per week	50 units	50 units
Re-order Period	8 to 12 weeks	4 to 8 weeks
Re-order Quantity	400 units	600 units

B. 1. The production Department of a factory furnishes the following information for the month of October 2008.

08

Material consumed: Rs. 54000

Direct Wages.: Rs. 45000

Labour Hours worked. : 36000

Hours of machine operation. : 30000

Overheads chargeable to the department: Rs. 36000

For an order executed by the department during the period the relevant information was as under:

Material consumed: Rs. 12000

Direct Wages. : Rs. 6400

Labour Hours worked. : 6400

Hours of machine operation. : 4800

You are required to calculate the overhead charges chargeable to the job by following method:

1. Direct Material Cost Percentage Rate

2. Direct Wages Percentage Rate

3. Labour Hour Rate

4. Machine Hour Rate

2. Calculate Machine Hour Rate from the following data:

07

Cost of Machine : Rs. 100000

Installation Charges : Rs. 10000

Estimated Scrap Value after the expiry of its life (15 years) : Rs. 5000

Rent and Rates for the shop per month : Rs. 200

General lighting for the machine per annum : Rs. 300

Insurance Premium for the machine per annum : Rs. 960

Chemicals required per annum : Rs. 1000

Shop supervisor's Salary per month : Rs. 600

Repairs and Maintenance per annum : Rs. 1000

Power consumption 10 units per hour, Rate of Power per 100 units : Rs. 20

Estimated working Hours per annum 2200 this includes setting up time 200 hours.

The machine occupies $\frac{1}{4}$ th area of the total area of shop.

Supervisor devotes $\frac{1}{5}$ th time on this machine.

Q.5 Attempt any one of the following.

15

A. Explain in detail about classification of cost.

08

B. Explain in detail about various forms of documents used in stores.

07

OR

Q.5 Write Short Notes (Any 3)

15

1) Inventory Turnover Ratio

2) Scope of Cost Accounting

3) EOQ

4) Labor Turnover & its measurement

5) Various Overheads absorption rate