Anjuman Islam Janjira Degree College of Science Murud-Janjira, Raigad-402401 Affiliated to University of Mumbai	
Class: - S.Y.B.Com (A&F)	**Subject: Cost Accounting-I**
Semester:- III	**Course code: -**
Exam Event:- Winter 2025 (SH)	**Marks: -60**
Date: - 13/10/25	**Duration: - 02:00 Hours**

N.B. – 1 – Attempt ANY FOUR questions from the given below.
2 – Figures to the right indicate full marks.

Q1. Answer the following questions

Noodles Ltd. produces & sells 4 products P, Q, R & S. The products are similar & literally produced in production run of 10 unit & sold in the batches of 5 unit.

The production overhead during the period are as follows: **(15)**

Particulars	Amt. ₹ (Rs.)
Factory works expenses	22,500
Store material received in cost	8,100
Machine setup cost	12,200
Quality control cost	4,600
Material handling & dispatching	12,600
Total cost	**60,000**

The cost driver overhead are as follows:

Particular of Cost	Cost Driver
Factory works expenses	Machine hours
Store material received in cost	Requisition raised
Machine set-up cost	Number of production runs
Quality control cost	Number of production runs
Material handling & dispatching cost	Number of orders executed

The number of requisitions raised in the stores was 25 for each product and the number of orders executed was 96. Each order was in a batch of 5 units. The production details of these products are as follows:

Particular	**P**	**Q**	**R**	**S**
Production (in units)	100	110	120	150
Cost per unit ₹ :				
Direct material	30	40	35	45
Direct labour	36	30	20	40
Machine hours (Hours per unit)	5	4	3	4

Q2. Answer the following questions

Stock of material on 1-3-2025 was 1,000 units at ₹10 per unit. The following purchases and issues were made during the month of March, 2025. **(15)**

Purchases

Date	Quantity	Rate per unit
2-3-2025	2,000 units	₹11 per unit
3-3-2025	3,000 units	₹12 per unit
11-3-2025	4,000 units	₹13 per unit
21-3-2025	5,000 units	₹14 per unit

Issues

Date	Quantity
5-3-2025	5,400 units
15-3-2025	2,600 units
31-3-2025	5,000 units

You are required to prepare:

A. Stock Ledger A/c under FIFO method.
B. Stock Ledger A/c under Weighted Average Cost Method.

Q3. Answer the following questions

Standard time set for Job X and Job Y is 40 hours and 200 hours respectively. Mr. A is engaged on Job X and Mr. B is engaged on Job Y.
Mr. A is paid under Halsey Plan. Mr. B is paid under Rowan Plan. **(15)**

Mr. A: Time rate per hour - ₹ 4
Actual time taken - 24 hours

Mr. B: Time rate per hour - ₹ 2.50
Actual time taken - 120 hours

Calculate earnings and effective rate of earning of both.

Q4. Answer the following questions

Amit company has five departments; P, N, R, and S are producing departments, and T is a service department. The actual costs for a period are as follows: **(15)**

Particulars	Amount (₹)
Repairs	2,000
Rent	2,500
Depreciation	1,200
Supervision	4,000
Insurance	1,500
Employer's Liability of Employees' Insurance	2,000
Light	3,600

The following data are also available regarding the five departments:

Particulars	Departments				
	P	N	R	S	T
Area (square feet)	140	120	110	90	40
Number of Workers	25	20	10	10	5
Total Wages (₹)	10,000	8,000	5,000	5,000	2,000
Value of Plant (₹)	20,000	18,000	16,000	10,000	6,000
Value of Stock (₹)	15,000	10,000	5,000	2,000	--

Requirement:
Apportion the costs to various departments on an equitable basis.

Q5. Answer the following questions

A. Define cost and management accounting explain its objectives **(08)**
B. Write distinguish between direct materials and indirect materials. **(07)**

Q6. Answer the following questions

A. State difference between Time Rate System and Piece Rate System. **(08)**
B. What is the different basis of allocating overheads? **(07)**