

Roll.No.

23UBHCT3012

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai - 600 044.

B.Com.Honours - END SEMESTER EXAMINATIONS - NOVEMBER 2025

SEMESTER - III

23UBHCT3012 - Cost Accounting

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Bring out the Principles of cost accounting in detail.
2. Prepare statement showing cost and profit for the year ended 31.12.2015

	1.1.2015 Rs.	31.12.2015 Rs.
Raw materials	1, 00,000	1,23,500
Finished goods	71,000	42,000
Work-in –progress	31,000	34,000
Purchase of raw materials	88,000	
Direct wages		70,000
Indirect wages	2,500	
Works expenses		37,000
Administrative expenses	13,000	
Sale of factory scraps	2,000	
Selling and distribution expenses	15,000	
Sale of finished goods	2,75,000	

3. Normal usage 100 units per day
Maximum usage 130 units per day
Minimum usage 60 units per day
Economic order quantity: 5000 units
Reorder period 25 to 30 days
Calculate (a) Reorder level (b) Minimum level (c) Maximum level
4. From the following particulars calculate earnings of workers A&B under Straight Piece Rate system and Taylor's differential piece rate system.
Standard production 7 units per hour
Factory day : 8 hours
Normal time rate Rs.2.80 per hour
Differentials to be applied
80% of piece rate when below standard
120% of piece rate when above standard
A produced 50 units a day
B produced 60 units a day
5. A worker completes a job in a certain number of hours. The standard time allowed for the job is 10 hours, and the hourly rate of wages is Re.1. The worker earns at the 50% rate a bonus of Rs.2 under Halsey Plan. Ascertain his total wages under the Rowan Premium Plan.

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6. "X" Ltd has purchased and issued materials in the following order.

2000

Jan 1	Purchased	300 units at Rs.3 per unit
4	Purchased	600 units at Rs.4 per unit
6	Issue	400 units
10	Purchased	600 units at Rs.4 per unit
15	Issued	1000 units
20	Purchased	400 units at Rs.5 per unit
23	Issued	200 units

Calculate the value of material consumed during the period under LIFO method.

7. Kishore Ltd. has three production department 'A' 'B' and 'C' and the service department 'D' and 'E'. The following figures are extracted from the records of the company.

	Rs.
Rent and Rates	5,000
Indirect wages	1,500
Depreciation of machinery	10,000
General lighting	600
Power	1,500
Sundries	10,000

Following further details are available.

	Total	A	B	C	D	E
Floor space in square feet	10,000	2,000	2,500	3,000	2,000	500
Light points	60	10	15	20	10	5
Direct wages (Rs)	10,000	3,000	2,000	3,000	1,500	500
H.P of machines	150	60	30	50	10	-
Value of machinery (Rs)	2,50,000	60,000	80,000	1,00,000	5,000	5000

Apportion the cost to various departments on the most equitable basis by preparing a primary departmental distribution summary.

8. From the following particulars compute the machine hour rate.

Cost of machine	Rs.19,200
Scrap value	Rs.1,200
Repairs for the effective working life	Rs.150
Standing charges for 4 weekly periods	Rs.50
Effective working life	10,000 hours
Power used: 5 units per hour at	19 paise per unit
Running time per month	166 hours

Section C

I - Answer any **TWO** questions (2 × 10 = 20 Marks)

9. Explain the various costs used in decision making and explain their characteristics.

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SEMESTER - III
23UBHCT3012 - Cost Accounting

10. R Limited showed a net loss of Rs.35,400 as per their cost accounts for the year ended 31st March, 2012. However, the financial accounts disclosed a net profit of Rs.67,800 for the same period. The following information were revealed as a result of scrutiny of the figures of cost accounts and financial accounts:

- (i) Administrative overheads under recovered Rs.25,500
- (ii) Factory overheads over recovered Rs.1,35,000
- (iii) Depreciation under charged in Cost Accounts Rs.26,000
- (iv) Dividend received Rs.20,000
- (v) Loss due to obsolescence charged in Financial Accounts Rs.16,800
- (vi) Income tax provided Rs.43,600
- (vii) Bank interest credited in Financial Accounts Rs.13,600
- (viii) Value of opening stock: In Cost Accounts Rs.1,65,000 In Financial Accounts Rs.1,45,000
- (ix) Value of Closing Stock: In Cost Accounts Rs.1,25,500 In Financial Accounts Rs.1,32,000
- (x) Goodwill written –off in Financial Accounts Rs.25,000
- (xi) Notional rent of own premises charged in Cost Account Rs.60,000
- (xii) Provision for doubtful debts in Financial Accounts Rs.15,000

Prepare a reconciliation statement by taking costing net loss as base.

11. The following annual charges are incurred in respect of a machine in a shop where manual labour is almost nil and where work is done by means of five machines of exactly same type of specification:

	Rs.
Rent and rates (proportional to floor area) for the shop	4,800
Depreciation on each machine	500
Repairs and maintenance for the five machines	1,000
Power consumed (as per meter) @ 5 paise per unit for the shop	3,000
Electric charges for light in the shop	540

Attendants: There are two attendants for the five machines and they are each paid Rs.60 per month.

Supervision: For the five machines in the shop there is one supervisor whose emoluments are Rs.250 p.m

Sundry supplies for the shop Rs.450

Hire purchase installments payable for the machine (including Rs.300 as interest) 1,200

The machine uses 10 units of power per hour. Prepare the machine hour rate for the machine for the year.

12. Compute the direct labour cost of job A from the following data:

Time employed in hours	Worker X
Monday	10
Tuesday	9
Wednesday	10
Thursday	11
Friday	6
Saturday	6

- (a) Normal working hours on week days are 8 hours and on Saturday 4 hours.
- (b) Overtime is paid for at double normal rate.
- (c) Normal daily wages X = Rs 3; Y = Rs 4
- (d) 4 Hours' work on Saturday is paid for at normal hourly rate. Work on Saturday in excess of 4 hours is treated as overtime and is paid for at 11/2 normal wages up to a total of 8 hours work and beyond that at double the normal rate.
- (e) D.A has to be added to the total wages including overtime at 50% of wages.

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II - Compulsory question (1 × 10 = 10 Marks)

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

Jan. 2	Purchased	4,000 units @ Rs.4.00 per unit
Jan. 20	Purchased	500 units @ Rs.5.00 per unit
Feb. 5	Issued	2,000 units
Feb. 10	Purchased	6,000 units @ Rs.6.00 per unit
Feb. 12	Issued	4,000 units
Mar 2	Issued	1,000 units
Mar 5	Issued	2,000 units
Mar 15	Purchased	4,500 units @ Rs.5.50 per unit
Mar 20	Issued	3,000 units

From the above, determine the store ledger account by adopting the LIFO method and find what would be the value of stock in hand at the end of the period according the method?
