

Time : 2 hrs.

AT PY/A/F

Cost - Acc - I

CODE - ZINC

(old) for ATKT

Marks : 60

Answer all questions. Figures to the right indicate full marks.

- Q.1 a)** Engineers India Ltd has fixed the standard time to produce one unit of product 'x' at 20 hours. Standard wages rate fixed is Rs. 25/- per hour. A worker produces 20 units of product 'x' in 260 hours. Calculate his earnings under: i) Halsey premium plan. ii) Rowan premium plan. 10

- b)** M/s. Sandhu brothers supplies you the following information :
- Annual consumption 15,000 kg
 - Cost of placing an order Rs. 48.
 - Cost of raw material Rs. 2 per kg.
 - Storage cost is 8% of average inventory.
- You are required to find Economic Order Quantity and number of orders to be placed each year. 5

OR

- Q.1** Explain any three techniques of inventory control. 15

- Q.2** Prepare stores ledger Account from the following transactions assuming that issues of stores have been made on the principle of 'Last in First Out' and also on 'First In First Out.'

2002

January 2	Purchased	2000 units at Rs. 4 per unit	
January 20	Purchased	250 units at Rs. 5 per unit	
February 5	Issued	1000 units	
February 10	Purchased	3000 units at Rs. 6 per unit	
February 12	Issued	2000 units	
March 2	Issued	500 units	
March 5	Issued	1000 units	
March 15	Purchased	2250 units at Rs. 5.50 per unit	
March 20	Issued	1500 units	15

OR

- Q.2** From the following information prepare stores ledger Account under 'Weighted Average Method' for the month of March 2003

March 1 Opening stock 200 pieces at Rs. 2 each

Purchases

March 5	100 pieces at Rs. 2.20 each
10	150 pieces at Rs. 2.40 each
20	180 pieces at Rs. 2.60 each

Issues

March 6	150 pieces
11	100 pieces

- Q.3** Saroj Ltd. has 5 departments A,B,C,D and E The actual cost incurred for the month of February 2003 are as follows :

Particulars	(Rs.)
Repairs	10,500
Rent	12,500
Depreciation	7000
Supervision	28,000
Lighting	8000
Sundries	12,000

The following data is also available in respect of five departments.

	Production departments			Service departments	
	A	B	C	D	E
Area (sq ft)	140	120	110	90	40
No. of Workers	25	20	10	10	5
Value of plant (Rs.)	2,00,000	1,80,000	1,60,000	1,00,000	60,000
Light points	10	16	4	6	4
Direct wages (Rs.)	6000	9000	12,000	3000	6000

Prepare primary distribution summary.

15

OR

- Q.3** From the following particulars, you are required to work out the earnings of a worker for a week under :-

- i) Straight piece rate ii) Taylor's differential piece rate
 iii) Halsey premium plan iv) Rowan premium plan

Weekly working hours 48

Hourly wage rate Rs. 7.50

piece rate Rs. 3 per unit

Normal time taken per piece 24 minutes

Normal output per week 120 pieces

Actual output per week 150 pieces

Differential piece rate 80% of piece rate when output is below normal and 120% of piece rate when output is above normal.

15

- Q.4** What is Time keeping? What are various methods of timekeeping ?

15

OR

- Q.4** What is cost ? Explain different ways of classifying cost.

15