

- NOTE :** 1) Section I is compulsory.
2) Answer any 3 Questions from Section II.

SECTION - I

Q.1 Explain the concept in brief: [ANY 5] [15]

- 1) Static layout
- 2) VED
- 3) Production Mgt.
- 4) Batch production
- 5) Hedging
- 6) JIT
- 7) Ordering cost

Q.2 a) The following data is available on the consumption pattern of certain materials in an organisation. [7]

Group	No. of items	Monthly Consumption (units)	Price items (Rs.)
I	40	300	90
II	20	270	100
III	100	1700	5
IV	200	1500	4
V	60	340	50
VI	300	2500	1
VII	250	2000	2
VIII	30	170	500

Find out A, B, C, items when,

- 'A' item accounts for 85% of consumption value.
- 'B' item accounts for 10% of consumption value.
- 'C' item accounts for 5% of consumption value.

b) A company uses 1200 units per month of an electronic component each costing Rs. 2/- . Placing each order cost Rs. 50/- and the carrying cost is 6% per year of the average inventory. a) Find EOQ. b) If the company gets 5% discount if it places single order, should they accept the discount offer ? [8]

SECTION - II

- Q.3 a) Why are plant location decisions important? Name and discuss the factors which need to be considered to arrive at the ideal location of a plant. [10]
- Q.4 Explain in brief the types of plant maintenance. [10]
- Q.5 Explain in brief the purchasing methods followed by an organisation.
- Q.6 a) Write short notes on : [any 2] [10]
- 1) Kan ban
 - 2) EOQ
 - 3) Store Mgt.



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