

1/10/2012

TIME : 2 Hrs.

Marks : 60

Q.1 a) Explain the concept of Product layout along with its advantages and limitations? (8)

b) Explain the concept of Product Life Cycle in detail? (7)

OR

Q.1 a) Discuss various types of Plant Maintenance? (8)

Q.1 b) Mention in brief, techniques of value analysis? (7)

Q.2 a) Explain different types of inventory cost (8)

Q.2 b) Explain the concept of waste? What are the different types of waste? (7)

OR

Q.2 a) Explain different types of production system? (8)

Q.2 b) Explain different accounting methods for the issue of stock of production? (7)

Q.3 Write Short notes on :-

a) Process Layout (5)

b) Just In Time (JIT). (5)

c) Make or Buy decision (5)

OR

Q.3 Write Short notes on :-

a) SQC. (5)

b) Store Layout. (5)

c) Cellular Layout. (5)

Q.4 a) Solve the following problem. (7)

An auto industry purchase spark plugs at the rate of ₹ 50 per plug. The annual consumption of spark plug is 24000 units. If the ordering cost

is ₹ 40 per order and carrying cost is 6% p.a. What would be EOQ and What will be Total Cost.

Q4. b) Explain different stages of designing and developing of new product? (8)

OR

Q.4 a) Solve the following problem. (7)

A factory uses annually 2000 units of a raw material which cost ₹ 40 per unit. If the ordering cost is ₹10 and carrying cost is 10% per year. What would be EOQ and what will be Total Cost?

Q.4 b) Explain the concept of Production Planning and Control (PPC) in Details? (8)



OR

Q.3 Write Short notes on :-

- a) Process Layout
- b) Just in Time (JIT)
- c) Make or Buy decision

OR

Q.3 Write Short notes on :-

- a) SQC
- b) Store Layout
- c) Cellular Layout

Q.4 a) Solve the following problem.

An auto industry purchase spark plugs at the rate of ₹ 50 per plug