

26/9/14

NO10ABA

Sybm.S
Prodⁿ mgmt & mat.
mgmt

TIME: 2hrs 30 min

MARKS:75

NOTE: 1. Attempt all questions.

2. Figure to the right indicate marks.

- Q1.a) Explain in detail Product Life Cycle. 8
- b) Explain with an example Process Plant Layout. 7
- OR
- Q1. a) Describe Batch Production System. 8
- b) Write a note on Breakdown maintenance. 7
- Q2.a) Explain functions of Material Management Department 8
- b) Explain different conveyors and cranes used in production process as Material Handling Equipment. 7
- OR
- Q2. a) Explain 7 R's of Purchase. 8
- b) Describe in detail steps involved while purchasing raw material. 7
- Q3. Explain different Inventory control Techniques. 15
- OR
- Q3. Explain different types of Purchase system. 15
- Q4. Explain in detail KAIZEN . 15
- OR
- Q4. Elaborate JIT Manufacturing System. 15
- Q5. 15
- A Computer manufacturing factory uses annually 40000 units of electronic components which costs ₹50 per units. Ordering cost ₹800 and carrying cost is 50% per year.
1. Find EOQ
2. If the supplier of raw material offers a discount is offered 10% on unit price for order quantity of 8000 units per order, should the company accept the offer.
- OR
- Q5. 15
- A factory uses annually 14400 units of a raw material which cost ₹2 per unit. Ordering cost is ₹50 and carrying cost is 6% per year.
1. Find EOQ
2. If the supplier of raw material offers a discount is offered 10% on unit price for order quantity of 6000 units per order, should the company accept the offer.
