

(Following Paper ID and Roll No. to be filled in your Answer Books)

Paper ID : 270230

Roll No.

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M.B.A.

Theory Examination (Semester-II) 2015-16

OPERATIONS MANAGEMENT

Time : 3 Hours

Max. Marks : 100

Section-A

1. Answer the following questions in not more than 30 words each. (2×10)
- (a) Operation Management is an input-output system.
 - (b) Intermittent production can be classified as batch, job and flow production.
 - (c) An order greater than the EOQ saves the ordering cost and increases carrying cost.
 - (d) Current moves towards just In Time (JIT) systems make the forecasting functions even more critical.

- (e) The central theme of Deming's philosophy of TQM was continuous improvement.
- (f) The VED analysis deals with classification of items on the basis of their availability.
- (g) Methods study and work study are two main components of work measurement.
- (h) Higher productivity is not a pay-off of Total Productive Maintenance (TPM).
- (i). The objective of ABC analysis is to control the inventory of items as the basis of annual consumption value.
- (j). Work study is used in determining the normal time for a job.

Section-B

2. Answer any five questions from this section.

(10×5 = 50)

- (a) Operation management is different from production management. Explain.
- (b) Define productivity. What are different types of productivity? Briefly discuss different factors contributing to productivity improvement.

(2)

- (c) Explain briefly the basis concept and philosophy of Supply Chain Management.
- (d) What is the scope of Logistic Management? List and explain the types of forecasting in decision making.
- (e) Compare between centralized purchasing and decentralized purchasing. How vendors are evaluated?
- (f) What is EOQ? Derive a formula for its determination. How will this formula be modified if the order quantity is delivered in installments?
- (g) What are the function of purchasing? Briefly discuss the steps involved in purchase of material.
- (h) What is master production schedule and what is its purpose. How does the balancing help

Section-C

This section will have 3 questions of 15 marks each. The candidates should attempt any two questions of 15 marks each.

(2×15 = 30)

- 3. Location and Layout of a production facility are important decision from the point of view of finance & accounting, human resources, MIS, operations and marketing". Discuss.

(3)

4. In your opinion what should be the objective of the Logistic Department? How are the purchasing and sales decision influenced by logistic decision?
5. What is Total Productive Maintenance (TPM)? What are its objectives? How it helps in improving the productivity and reducing the downtime of the organization?