Roll No ____________

Examination May-2014

MBA – 202

Production & Operations Management

Paper ID- C0247

Total no of page-2

Time allowed: 3 hours

M. Marks: 60

Instructions for Students:

1. *Section-A consists of 6 questions. Students are required to attempt any 4 questions carrying 5 marks each.*
2. *Section-B consists of 4 units. Further each unit consists of 2 questions. Students are required to attempt one question from each unit carrying 8 marks each.*
3. *Section-C is compulsory and carries 8 marks.*

(Section – A)

Write notes on any 4 of following: **(4 X 5 = 20 marks)**

1. Responsibilities of Operations Manager
2. Concept of Work Measurement
3. Capacity Planning decisions
4. Types of Production systems
5. Total Quality Management (TQM)
6. Concept of Value Analysis

(Section – B)

Unit-I

7. What do you mean by operations management? Discuss the contributions of Deming and Taguchi.
8. Discuss the concept of location decision. What are the factors which may affect the location decision?

Unit-II

9. Discuss the procedure of method study. Highlight the process chart to be used in method study also.
10. What do you understand by facility layout? Discuss the different types of layouts along with their suitability to different types of industries.

Unit-III

11. Define quality. Discuss the various quality characteristics of goods and services.
12. What do you understand by statistical quality control? How different control limits can be determined for mean chart and range chart?

Unit-IV

13. What is Inventory Management? Discuss the factors affecting inventory control policy of a manufacturing entity.
14. What do you mean by Purchase management? Discuss the different methods of purchase.

(4 X 8 = 32 marks)

(Section – C)

15. ABC Co. purchases 9000 motor spare parts for its annual requirements, ordering one month usage at a time. Each part costs Rs. 20. The ordering cost is Rs. 15 per order and carrying cost is 15% of the average inventory per year.

Being a manager you are required to:

a) Suggest a more economical purchasing policy.
b) Find the annual cost if company follows the purchasing policy suggested by you.
a) How much the new purchase policy will save for the company? **(8 marks)**

End