



**MBA 115**

**III Semester Master of Business Administration Examination, August 2011  
OPERATIONS RESEARCH**

Time : 3 Hours

Max. Marks : 80

**SECTION – A**

**(5×6=30)**

**All questions are compulsory. Each question carries equal marks.**

1. Define Purchase Systems.
2. Write a note on Plant Layout Planning.
3. Write a note on Quality ? Explore the relationship between Quality and Cost.
4. Write a note on Capacity Planning.
5. Write a note on Enterprise Resource Planning (ERP).

**SECTION – B**

**(10×5=50)**

**Attempt any five questions. Each question carries equal marks.**

6. What is Operations Management and how is it different from Production Management ? Write a short note on the evolution (history) of Operations Management.
7. Discuss the nature and scope of operations management in terms of production decisions.
8. List few circumstances which can force a change in the Location of a manufacturing facility. What are some of the factors that must be taken into account when deciding on a new Facility Location ?

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9. Write a note on Acceptance Sampling.
  10. What is the difference between Design Capacity and Effective Capacity ? List some alternative strategies that can be used for short-term capacity modification.
  11. Discuss in brief how do you organize value engineering function in an electronic industry.
  12. What are the common objectives of the purchasing function ?
  13. What are the features of a Process Layout ? What are the advantages of a Process Layout over a Product Layout ?
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