

***B.Tech Degree VI Semester Examination in
Marine Engineering, November 2009***

MRE 601 MANAGEMENT SCIENCE

Time : 3 Hours

Maximum Marks : 100

- I. (a) Explain the process of planning in an organization of your choice. (10)
(b) Explain SWOT analysis and its use. (10)
OR
- II. (a) What are the types of communication in an organization? What are barriers to communication? (10)
(b) What are the different types of organization structures and what are their merits and demerits? (10)
- III. (a) What are the key differences between products and services with respect to operations? (10)
(b) Discuss the important principles used in product development. (10)
OR
- IV. (a) Differentiate between product and process layout. (10)
(b) What is standardization? Why is it done? (10)
- V. (a) Explain EOQ and safety stock and their role in Inventory control. (10)
(b) What is work study? How is it done and what are its uses? (10)
OR
- VI. (a) Differentiate between Job Evaluation and Merit Rating. (10)
(b) Explain some models for taking decision under uncertainty. (10)
- VII. (a) A project has a fixed capital cost of Rs.5,00,000/-. Another Rs.2,00,000/- will be spent for starting the project. If the variable cost for producing unit output from the project is Rs.3,000/- and the unit revenue earned is Rs.6,000/-. What is the break-even point for the project? (10)
(b) Explain the concept of Budgets and Budgetary control. (10)
OR
- VIII. (a) Differentiate between Balance Sheet and Profit and Loss account. (10)
(b) What are the different sources of capital? Explain. (10)
- IX. (a) Explain the process of Recruitment and Selection. (10)
(b) Discuss motivation and the theories of motivation. (10)
OR
- X. (a) What are the advantages and disadvantages of having Trade Unions? (10)
(b) Discussing system of performance appraisal that you are aware of and highlight its merits and demerits. (10)
