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***B.Tech. Degree VI Semester Examination in
Marine Engineering June 2016***

MRE 1601 MANAGEMENT SCIENCE

Time : 3 Hours

Maximum Marks : 100

(5 × 20 = 100)

- I. (a) Discuss the growth of modern management thought. (10)
 (b) Distinguish between authority, responsibility and accountability. Use suitable example. (10)
- OR**
- II. (a) Explain the different management functions. (10)
 (b) Discuss the different types of communication found in organization bringing out their characteristics. (10)
- III. (a) Explain the characteristics of Jobbing, Lot and Mass production with respect to plant size, location, layout work in process and production planning and control. (10)
 (b) Explain what standardization is and what are its objectives. Use suitable examples to explain. (10)
- OR**
- IV. (a) Distinguish between safety stock and cycle stock. (10)
 (b) What are the activities/sub-functions carried out under materials management function. (10)
- V. (a) How is sales forecasting done and why? (10)
 (b) What is work study? Why is it done? (10)
- OR**
- VI. (a) Distinguish between Job Evaluation and Merit Rating. (10)
 (b) What is ISO 9000 certification? Explain. (10)
- VII. (a) What are the methods used to control working capital? Discuss. (10)
 (b) Explain budget and budgetary control. (10)
- OR**
- VIII. (a) Explain factory costing and its use. (10)
 (b) What is depreciation? Explain one method of depreciation calculation. (10)
- IX. (a) What are the uses of training? Explain. (10)
 (b) What is management by objective (MBO)? Explain how it is practiced. (10)
- OR**
- X. (a) Explain any one theory of motivation. (10)
 (b) What is performance appraisal? Explain how it is done. (10)