

B. Tech Degree VIII Semester Examination in Marine Engineering June 2011

MRE 802 SHIP OPERATION AND MANAGEMENT

Time : 3 Hours

Maximum Marks : 100

- I. Describe in detail “multimodal transportation”. What are the advantages of this system and how does it differ from normal shipping series? (20)
- OR**
- II. Write short notes on:
- (i) Carriage of goods by sea Act (7)
 - (ii) Theory of freight rates and the various factors influencing the rates (7)
 - (iii) Difference between Chartering and charterparties (6)
- III. (a) Marine Insurance is based on certain basic principles. Describe them in detail. (10)
- (b) Explain what do you understand by the terms “Particular Average” and “General Average”. Explain the difference between them with examples. (10)
- OR**
- IV. Write short notes on:
- (i) Organization structure of a shipping company (7)
 - (ii) Turn around strategy for sick shipping companies (6)
 - (iii) Underwriting and loss adjusting principles applied to marine cargo insurance (7)
- V. (a) Describe in detail the economics of new and second hand tonnage with respect to shipping. (10)
- (b) Describe in detail the terms “capitalization”, “finance” and “cost ratios” with respect to shipping (10)
- OR**
- VI. Write short notes on:
- (i) Relation between Insurance Premium and Non conformity/Condition of Class (6)
 - (ii) Planning sailing schedule and voyage estimate (7)
 - (iii) Various sources providing finance and the lender’s security (7)
- VII. (a) Why do we register a ship? Explain the procedure for registering a ship as per Indian Merchant Shipping Act. (10)
- (b) What is meant by “Vessels in distress”? Explain in detail. (10)
- OR**
- VIII. (a) Describe in detail shipping casualties and penalties under Merchant Shipping Act. (10)
- (b) What do you understand by “Flags of discrimination”? Describe with examples. (10)
- IX. Explain in detail the current scenario of Indian shipping with a few case studies. (20)
- OR**
- X. Write short notes on:
- (i) Shipping company and its administration (7)
 - (ii) Manning of ships (6)
 - (iii) Cargo surveys and notes of protests (7)