

***B. Tech Degree VIII Semester Examination in
Marine Engineering, January 2010***

MRE 802 SHIP OPERATION AND MANAGEMENT

Time: 3 Hours

Maximum Marks: 100

- I. Describe in detail the development that had occurred during the last 2 decades in the shipping and cargo handling areas. (20)
- OR**
- II. Write short notes on:
- (a) Theory of freight rates and fares (5)
 - (b) Tanker chartering (5)
 - (c) Cargo surveys and protests (5)
 - (d) Bills of Lading (5)
- III. (a) Explain the difference between Particular Average and General Average, giving examples. (10)
- (b) Describe the underlying principles of underwriting applied to Marine Cargo Insurance. (10)
- OR**
- IV. Write short notes on:
- (a) Organization structure of a shipping company. (7)
 - (b) Turn around strategy for sick shipping companies (7)
 - (c) Protection and Indemnity clubs (6)
- V. Write short notes on:
- (a) Safe manning of ships (7)
 - (b) Planning sailing schedule and voyage estimate (7)
 - (c) Relation between Insurance premium and Non conformity/condition of class (6)
- OR**
- VI. (a) Describe in detail the economics of new and second hand tonnage. (10)
- (b) What are the important procedures and implications of buying and selling of new/old ships. (10)
- VII. Describe in detail with a few case studies the current scenario of Indian shipping. (20)
- OR**
- VIII. What is meant by flags of discrimination and what are their effects on shipping? (20)
- IX. Write short notes on:
- (a) Registration of ships (6)
 - (b) Capitalization and Finance with respect to shipping (7)
 - (c) Flags of convenience (7)
- OR**
- X. (a) Explain in detail “vessels in distress”. (10)
- (b) What do you understand by shipping casualties and penalties under Merchant Shipping Act? (10)
