

***B.Tech. Degree VIII Semester Examination in
Marine Engineering July 2013***

MRE 802 SHIP OPERATION AND MANAGEMENT

Time : 3 Hours

Maximum Marks : 100

- I. (a) Describe the modern shipping practices taking into consideration the developments in shipping and cargo handling methods in detail. (10)
(b) Explain briefly the theory of freight rates and the various factors influencing the rates. (10)
- OR**
- II. (a) Bill of Lading is an important documents in shipping industry. Explain its functions, uniqueness and related problems. (10)
(b) Explain briefly the history, development and functioning of shipping conferences and shipper's council. (10)
- III. (a) What are the underwriting and loss adjusting principles applied to Marine Cargo Insurance? (10)
(b) Differentiate clearly the terms particular average and general average, giving examples. (10)
- OR**
- IV. Write short notes on:
(i) P and I clubs (6)
(ii) Organizational structure of a modern shipping company. (7)
(iii) Ownerships of shipping company and its administration (7)
- V. (a) What are the important procedures and implications of buying new/old ships? (10)
(b) Describe the economics of new and second hand tonnage in detail. (10)
- OR**
- VI. Write short notes on
(i) Various sources providing finance and the lender's security. (6)
(ii) The meaning of terms 'capitalization' and 'finance' with respect to shipping industry (7)
(iii) Safe manning of ships (7)
- VII. (a) Why should a vessel be registered? Explain the procedures involved for the registration of a ship as per MS Act, 1958. (12)
(b) Enumerate the effects of flags of discrimination in the shipping industry. (8)
- OR**
- VIII. (a) What do you understand by shipping casualties and penalties under the Merchant Shipping Act? (10)
(b) Describe the different types of maritime frauds with examples. (10)
- IX. (a) Describe the current scenario of Indian shipping with a few case studies in detail. (10)
(b) Explain "planning sailing schedules" and "calculation of voyage estimates" in detail. (10)
- OR**
- X. (a) Explain the term "Flag of Convenience". Why ships are registered under flags of convenience? (10)
(b) Explain the elements of COGSA and the paramount clauses inserted in the Bill of Lading. (10)