

--	--	--	--	--	--	--	--

***B. Tech. Degree VIII Semester Examination in
Marine Engineering July 2014***

**MRE 802 SHIP OPERATION AND MANAGEMENT
(2006 Scheme)**

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 services? (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 charter parties (6)
- III. What are the underwriting principle applied to Marine Cargo Insurance? (20)
- OR**
- IV. Write short notes on:
- (i) Particular average and general average (8)
- (ii) Shipping company and its administration (6)
- (iii) Organization structure of a shipping company (6)
- 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 (6)
- (iii) Safe manning of ships (8)
- VII. (a) What do you understand by the term 'registration of ships'? (6)
- (b) What is meant by 'flag of convenience'? Explain its effects on shipping. (14)
- OR**
- VIII. (a) What is meant by "vessels in distress"? (6)
- (b) Explain in detail shipping casualties and penalties under Merchant Shipping Act. (14)
- 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. Write short notes on:
- (i) P and I clubs (6)
- (ii) Different types of maritime frauds (7)
- (iii) Bill of lading (7)