



***B.Tech. Degree VIII Semester Regular/Supplementary Examination in
Marine Engineering July 2022***

**MRE 1802 SHIP OPERATION AND MANAGEMENT
(2013 Scheme)**

Time: 3 Hours

Maximum Marks: 100

(5 × 20 = 100)

- I. (a) Explain in brief about the various types of ships such as Multi – purpose cargo vessels, Bulk, Oil Tankers, Reefer and Container vessels. (10)
- (b) What is the Conference system in Liner shipping services? (10)
What are the main changes in the Shipping industry in recent times?
- OR**
- II. (a) Define following terms in Marine Insurance: (10)
(i) General Average
(ii) Particular Average
- (b) Explain the purpose and advantages of DLB Welfare Fund for Indian seafarers. (10)
- III. (a) What are the duties of a Cargo Surveyor on board a ship? Give two examples of different types of cargo surveys. (10)
- (b) What are advantages and disadvantages of buying a new ship or a second hand ship? (10)
- OR**
- IV. (a) Explain advantages and disadvantages between Ownership and Management shipping companies. (10)
- (b) Explain the difference between traditional or national register and open registry or flag of convenience. Give two examples for each category. (10)
- V. (a) Explain briefly the different types of Marine Fraud. (10)
- (b) Explain Chartering of ships. Name the types of Charter parties. (10)
- OR**
- VI. (a) Explain Bill of Lading as a shipping document. State the difference between a Negotiable B/L and a Non Negotiable B/L. (10)
- (b) State briefly Port papers required when a ship arrives in port. (10)
- VII. (a) What are the best strategies for turning around a sick shipping Company? (10)
- (b) What purpose do Contingency drills play on board a ship? Give two examples of these drills. (10)
- OR**
- VIII. (a) Explain in brief the organisation structures of Shipping Company ashore and manning on board a ship. (10)
- (b) Explain procedure for engaging and discharging crew on board a ship. (10)
- IX. (a) Explain briefly the main stages of Voyage planning? (10)
- (b) What is Marine Pilotage? Explain the duties of a Marine Pilot. (10)
- OR**
- X. (a) What are P and I Clubs and what is their purpose? (10)
What is Hull and Machinery Insurance?
- (b) Explain in brief the difference between Maritime Declaration of Health and Free Pratique. (10)