

**B.Tech. Degree VIII Semester Regular/Supplementary Examination in
Marine Engineering June 2023**

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

Time: 3 Hours

Maximum Marks: 100

(Answer *ALL* questions)

(5 × 20 = 100)

- I. Describe chartering and their types. (20)
- OR**
- II. Explain the theory of freight rates and the factors influencing the rates. (20)
- III. Narrate the underwriting and loss adjusting principles of insurance in respect of marine cargo. (20)
- OR**
- IV. Write short notes on:
 (i) General Average (6)
 (ii) Particular Average (7)
 (iii) P and I club. (7)
- V. (a) What are the procedures to buy an old ship? (10)
 (b) Explain the economics involved in buying an old ship. (10)
- OR**
- VI. (a) What is flag of convenience? (10)
 (b) Describe ship management companies. (10)
- VII. (a) Enumerate the procedure of registration of ship. (10)
 (b) Who are the registrar of ships? (10)
- OR**
- VIII. Write short notes on:
 (i) Merchant Shipping Act (7)
 (ii) Pilotage (6)
 (iii) Port formalities for arriving ships. (7)
- IX. Describe various types of marine frauds. (20)
- OR**
- X. What are the steps required in taking bunkers on board and the action in case of oil spillage? (20)
