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***B.Tech. Degree VIII Semester Examination in
Marine Engineering August 2015***

MRE 802 SHIP OPERATION AND MANAGEMENT

Time : 3 Hours

Maximum Marks : 100

(5 × 20 = 100)

- I. (a) The developments in shipping and cargo handling methods have been improved a lot. Taking into consideration of that, explain the modern shipping practices. (10)
- (b) Explain briefly the theory of freight rates and the various factors influencing the rates. (10)

OR

- II. (a) Differentiate the functioning of 'Shipping Conferences' and 'Shipper's Council'. (10)
- (b) Describe the responsibility of ship owners and charterers with respect to COGSA. (10)
- III. (a) Explain the terms 'Particular Average' and 'General Average', giving examples. (10)
- (b) Write short notes on (i) P&I Clubs (ii) Underwriting and loss adjusting principles applied to marine cargo insurance. (10)

OR

- IV. (a) Briefly explain with an organization chart working of a shipping company and its administration. (10)
- (b) Describe briefly hull and machinery insurance policies and how to proceed against claims. (10)
- V. (a) Describe the terms 'Planning sailing schedules' and 'Voyage estimates'. (10)
- (b) Write short notes on (i) 'Lenders security' (ii) Implications of buying new/old ships. (10)

OR

- VI. (a) Explain the relation between insurance premium and no-conformity/condition of class. (10)
- (b) Write short notes on (i) Safe manning of ships (ii) Engagement and discharge of crew. (10)
- 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 with examples the different types of maritime frauds. (10)

- IX. Describe in detail with a few case studies the current scenario of Indian shipping. (20)

OR

- X. Write short notes on (i) Bill of lading (ii) Multi model transportation (iii) Cargo surveys and protests. (6+7+7=20)
