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***B.Tech. Degree VIII Semester Examination in Marine Engineering
July 2018***

**MRE 1805 MARITIME STATUTORY REGULATIONS
(2013 Scheme)**

Time: 3 Hours

Maximum Marks: 100

(5 × 20 = 100)

- I. (a) Discuss the procedure of adoption and entry into force of an IMO Convention. (10)
(b) Explain Tacit Acceptance procedure and its applicability. Give the background for adopting the said procedure. (10)
- OR**
- II. (a) Discuss the responsibilities of a Flag State as enumerated in UNCLOS 1982. (10)
(b) Explain the difference between watertight and weather tight doors and its location on board a ship. (10)
- III. (a) What are the objectives of ISM Code? Explain the functional requirements of a Safety Management System in compliance with ISM Code. (10)
(b) Write short notes on:
(i) Designated Person Ashore (5)
(ii) Internal and external audits for DOC and SMC and its frequency (5)
- OR**
- IV. (a) Discuss the procedure for certification of a ship under ISPS Code. (10)
(b) Explain various Security Levels under ISPS Code and controlling measure to be taken on board ship during such levels. (10)
- V. (a) Discuss the control of discharge of oily water from machinery space and cargo areas of an oil tanker within and outside special areas. (10)
(b) Explain the equipment, records and systems to be provided and maintained for machinery spaces of a ship under Annex I, MARPOL 73/78. (10)
- OR**
- VI. (a) Discuss various regulations involved for issue of International Air Pollution Prevention (IAPP) Certificate under Annex VI, MARPOL 1973/78. (10)
(b) Briefly explain about the type of ships and category of cargoes under Annex II, MARPOL 73/78. State the discharge standard of Annex II cargo wash. (10)
- VII. (a) Explain in brief expectation of a seafarer under MLC 2006. (10)
(b) Discuss the Flag State responsibilities as envisaged in MLC 2006. (10)
- OR**
- VIII. Write short notes on the following:
(i) GT and NT (5)
(ii) Port State Control (5)
(iii) Statutory surveys and certification (5)
(iv) Marine Casualty Investigation (5)
- IX. (a) Discuss the conditions for measurement of noise level on board a ship. (10)
(b) Discuss the role of Classification Societies in shipping. (10)
- OR**
- X. (a) Discuss D1 and D2 standards under Ballast Waste Management Convention. (10)
(b) Explain registration procedure of ships under Indian Merchant Shipping Act, 1958. (10)