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***B.Tech. Degree VII Semester Examination in Marine Engineering
February 2021***

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

Time : 3 Hours

Maximum Marks : 100

(5 × 20 = 100)

- I. (a) Discuss the objectives of I.M.O. What steps are taken to implement the objectives at international and national levels? (10)
(b) How is the adoption of instruments done under Tacit and Explicit acceptance procedure? (10)
- OR**
- II. (a) Explain the relevance of UNCLOS in maritime industry. (10)
(b) What survey and certification are done on Merchant ships based on SOLAS? (10)
- III. (a) 'SMC is issued to ship only if DOC is valid'. Comment. (10)
(b) Describe the importance of internal and external audits under ISM code. (10)
- OR**
- IV. (a) Elaborate the contents of Ship Security plan and various levels of security. (10)
(b) State the name and period of validity of the statutory certificate issued under ISPS code. (10)
- V. (a) List various annexes of MARPOL 73/78 and the areas covered under each of them. (10)
(b) Mention the precautions to be observed by ship personnel for the above. (10)
- OR**
- VI. (a) Describe management of ballast water and sediments on board ships. (10)
(b) How the noise on board is regulated and at what level? (10)
- VII. Name the 'Fourth pillar' of IMO regulations. Explain the need for it. (20)
- OR**
- VIII. Write short note on: (20)
(i) Length of ship
(ii) RPS Rules
(iii) ILO
(iv) Repatriation of seafarers
- IX. (a) What does Merchant Shipping Act deal with? (10)
(b) Discuss flag state control. (10)
- OR**
- X. (a) Define detention of ships under PSC. (10)
(b) Describe the role of Classification Societies and Maritime Administration in maintenance of seaworthiness of vessels. (10)