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Seventh Semester B.E. Degree Examination, June/July 2019
IMO and Maritime Conventions

Time: 3 hrs.

Max. Marks:100

Note: Answer any FIVE full questions, selecting atleast TWO questions from each part.

PART – A

- 1 a. What is IMO and how does it function? Elaborate on its objectives. (10 Marks)
- b. Give reasons why a ship owner enters his vessel with a classification society even through it is not mandatory to do so? (10 Marks)
- 2 a. What are the minimum requirements for the certification of officer in charge of engine room watch in operational level? (10 Marks)
- b. Briefly explain all the chapters of STCW. (10 Marks)
- 3 a. Explain the basic principles to be observed in keeping an engineering watch. (10 Marks)
- b. Explain minimum requirement of training for keeping engine room for engineer officers in oil tankers. (10 Marks)
- 4 a. Briefly explain the types of gas tankers design according to the IMO international gas carrier code. (12 Marks)
- b. Explain the difference between the port state and flag state control. (08 Marks)

PART – B

- 5 a. List out the mandatory certificates to be carried on board for safe trading a vessel. Also mention the convention under which they come. (10 Marks)
- b. Write a short notes on safety management system and functional requirements of a company. (10 Marks)
- 6 a. State main objective of "SOLAS convention 1974". Briefly describe the 12 chapters of 'SOLAS'. (12 Marks)
- b. With reference to Annex I of Marpol 73/78 explain the discharge criteria in special area and outside the special area. (08 Marks)
- 7 a. With reference to ISM code write a short notes on :
 - i) DOC
 - ii) SMC
 - iii) Safety Management System [SMS]. (10 Marks)
- b. Discuss the responsibilities under ILO's Maritime labour convention. (10 Marks)
- 8 a. Differentiate between annual intermediate, renewal, damage and repair surveys. What is the purpose of each survey on board? (10 Marks)
- b. Explain in detail how an underwater survey is carried out. (10 Marks)

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.