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10MR751

Seventh Semester B.E. Degree Examination, June/July 2018
IMO and Maritime Conventions

Time: 3 hrs.

Max. Marks:100

Note: Answer FIVE full questions, selecting at least TWO questions from each part.

PART – A

- 1 a. Brief explanation about duties of classification society, write any 8 points. (10 Marks)
b. Explain the general aspects of international legislation, giving particulars of IMO, with reference to its structure and composition. (10 Marks)
- 2 a. Explain operation and management level competency operation, preparedness and training on board. (10 Marks)
b. Describe what ship board familiarization may involve for watch keeping officer. (10 Marks)
- 3 a. Explain minimum requirement of training and competence for engineer officers for keeping engine Room watch. (10 Marks)
b. Give a brief note on operational guidance of an engineer on watch. (10 Marks)
- 4 a. Explain how you will deal with 'PSC' officer during the initial inspection of your ship. List the critical items which would form part of the "PSC" check list. (10 Marks)
b. Explain a documented procedure under 'Emergency preparedness' for following machineries: (i) Main engine failure (ii) Steering failure (iii) Electrical failure. (10 Marks)

PART – B

- 5 a. Explain ISM PART A and PART B including certification and verification. (10 Marks)
b. With reference to ISM code, give brief description on,
(i) DPA (ii) Marster's responsibility (iii) Company responsibility. (10 Marks)
- 6 a. Give a brief explanation on the following : (i) Load line (ii) Tonnage
(iii) COLREG. (iv) ISPS. (10 Marks)
b. What is MARPOL 73/78? Explain all the annexes of this convention in force, as well as the annexes which are likely to come in force in near futre. (10 Marks)
- 7 a. Explain the objectives of Safety Management System (SMS) and its functional requirements. (10 Marks)
b. Discuss the responsibility under ILO's maritime labour convention. (10 Marks)
- 8 a. Differentiate between Harmonized system of survey and enhanced hull survey system. (15 Marks)
b. List the certificates issued under the Harmonized system of survey. (05 Marks)

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Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.