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15MR743

## Seventh Semester B.E. Degree Examination, June/July 2019 Ship Safety and Fire Protection

Time: 3 hrs.

Max. Marks: 80

*Note: Answer any FIVE full questions, choosing ONE full question from each module.*

### Module-1

- 1 a. List the codes of safe working practice followed in ship. (08 Marks)  
b. What precautions should be taken before receiving Bunker? (08 Marks)

OR

- 2 a. Explain with a neat sketch of OWS starting procedure. (08 Marks)  
b. Draw the Bilge line diagram of your ship to pump out. (08 Marks)

### Module-2

- 3 a. What is EEBD? What are the Escape means in your ship? (08 Marks)  
b. Where is emergency fire pump located and what does solas say? (08 Marks)

OR

- 4 a. Explain the type of Bulkheads and explain standard fire test. (08 Marks)  
b. Explain the fixed fire extinguishing system in your ship. (08 Marks)

### Module-3

- 5 a. List the marking on life raft container as per solas. (08 Marks)  
b. Explain about pyrotechniques. How many have to carry along with survival craft. (08 Marks)

OR

- 6 a. List the marking on life boat as per solas. (08 Marks)  
b. What is dead man's handle? What is off load mechanism and on load mechanism? (08 Marks)

### Module-4

- 7 a. List the certificate to be carved in the ship as per solas. (08 Marks)  
b. What is the principle of IMDG code? (08 Marks)

OR

- 8 a. List the document to be carried by the ship as per solas. (08 Marks)  
b. Write a note on duties of Chief Engineers in dry docking. (08 Marks)

### Module-5

- 9 a. Write a note on engineer watch and responsibility in engine room. (08 Marks)  
b. What are the emergency drill practiced in your ship? (08 Marks)

OR

- 10 a. Write a short note on ship's record. (08 Marks)  
b. Explain the administrative role of a Chief Engineer. (08 Marks)

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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.