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10MR81

Eighth Semester B.E. Degree Examination, June/July 2018
Engine Room Management

Time: 3 hrs.

Max. Marks:100

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

PART – A

- 1 Explain the function of diesel engine with respect preparations for standby, starting, reversing and running at full speed. (20 Marks)
- 2 Explain briefly about the unit survey of Sulzer RTA engine. (20 Marks)
- 3 Explain briefly about emergency steering gear operation, and regulations about steering system. (20 Marks)
- 4 a. What is indicated power? How to calculate power? (10 Marks)
b. Explain briefly about crank case inspection. (10 Marks)

PART – B

- 5 What certificates should be carried onboard in cargo ship? Explain them in detail. (20 Marks)
- 6 a. What are the list of items to be recorded in oil record book? (10 Marks)
b. Explain the things you need to come out 24 hours prior to departure of the vessel. (10 Marks)
- 7 Describe the precautions to be taken and procedure while receiving bunkers and oil transfer on board. (20 Marks)
- 8 Explain briefly about dry docking preparation. (20 Marks)

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Important Note - 1. On completing your answers, immediately hand over the question paper to the invigilator and for equations written eg. 42-8-50, will be treated as malpractice.