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**Seventh Semester B.E. Degree Examination, Dec.2018/Jan.2019**  
**Ship Operation and Management**

Time: 3 hrs.

Max. Marks:100

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

**PART - A**

- 1 a. Briefly explain Liner shipping services and Tramp shipping service. (08 Marks)  
b. Explain case of cargo against damage on container ship at sea. (06 Marks)  
c. Explain multimodal transportation. (06 Marks)
- 2 a. What is charter party? Explain types of chartering? (12 Marks)  
b. What are responsibilities of ship owner and charterers? (08 Marks)
- 3 a. What is bill of lading? Explain 3 functions of bill of lading. (10 Marks)  
b. What is cargo survey? Explain types of marine surveyors. (10 Marks)
- 4 a. Explain Particular average and General average? (06 Marks)  
b. What is marine insurance? Explain the four fundamental principles of marine insurance. (14 Marks)

**PART - B**

- 5 a. Explain structure of a shipping company in detail. (10 Marks)  
b. Explain the role of technical department and commercial department in shipping company? (10 Marks)
- 6 Describe in detail the economics of new and second hand tonnage. (20 Marks)
- 7 Describe in detail the basic requirements that should be considered in voyage estimation? (20 Marks)
- 8 a. Explain flag of convenience? (04 Marks)  
b. List all the certificates to be carried on board a ship. (08 Marks)  
c. Explain duties regarding fine on board ship. (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.