

CRASH COURSE

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10MR74

Seventh Semester B.E. Degree Examination, May 2017 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. Explain Liner and Tramp shipping services. (10 Marks)
b. Explain briefly about care of cargo against damage and securing measures. (10 Marks)
- 2 a. (i) What is Charter Party? (02 Marks)
(ii) List out the factors that are used to determine the fixture rates in chartering. (08 Marks)
b. Explain theory of freight rates. (10 Marks)
- 3 a. What is cargo survey? Explain different type of cargo surveys. (10 Marks)
b. Explain different types of bill of loading. (10 Marks)
- 4 Write down in detail the principle risks covered by P & I club. (20 Marks)

PART – B

- 5 a. Explain the structure of a shipping company in detail. (14 Marks)
b. Explain about ship management company and ownership of vessel. (06 Marks)
- 6 a. While designing a ship for commercial operations, what are the tasks taken by naval architects. (10 Marks)
b. Explain in details how ship owners and managers finance new ship building projects. (10 Marks)
- 7 a. What is Voyage planning? (02 Marks)
b. Explain the following with respect to Voyage planning : (i) Bunkering (ii) Routing. (18 Marks)
- 8 a. Explain structure and function of emergency team. (12 Marks)
b. Explain Pilotage. (08 Marks)

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