

# Indian Maritime University

( A Central University, Govt of India)

May-June 2018 End Semester Examinations

## B. Tech (Marine Engineering)

Semester-VII/VIII

### Ship Operation & Management (UG11T2701/ UG11T1801)

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Date: 09.06.2018

Max Marks:100 Marks

Time: 3 Hrs

Pass Marks:50 Marks

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#### Part-A

Marks: 10 x 3= 30

(All Questions are compulsory)

1. a. Explain Cargo Damage due to improper handling and describe preventive measures.
- b. What is shipping conference? Describe ship owner`s advantage of engaging ship`s in shipping conference.
- c. What is Bill of Lading? Describe its importance.
- d. Explain Voyage Chartering.
- e. Explain General Average.
- f. Describe Organizational structure of a Shipping Company.
- g. Describe Advantages and Disadvantages of expanding a Fleet through procurement of second hand ship.
- h. Explain Unbalanced trade and actions to minimize unbalanced trade.
- i. Explain SUBROGATION w.r.t Marine Insurance
- j. Describe National Shipping Board of India

#### Part- B

Marks: 5 x 14= 70

(Answer any 5 of the following 7 questions)

2. a) Explain CARGO PLAN(Stowage Plan). Describe factors affecting Stowage Plan. Explain "Stowage Factor" (8)
- b) Describe Containerization of Cargo. State advantages & disadvantages. (6)
3. a) Explain Bare Boat Chartering. Describe advantages & disadvantages from ship owner`s point of view. (4+3)
- b) What is Freight? How Freight is Calculated? Describe factors affecting the Freight rate (1+2+4)
4. a) Explain Insurance. Describe Principle of Indemnity and Principle of Insurable Interest w.r.t Marine Insurance (2+3+3)
- b) Describe P & I and its function (6)
5. a) Describe sources of FUND arrangement for Shipping companies. (6)
- b) Briefly explain Turn Around strategy of a shipping company running in loss for past 4- years. (8)

6. a) Describe Mandatory Certificates to be carried on a Sea going vessel (7)  
b) Describe Responsibility of Chief Engineer of a sea going vessel (7)
7. a) Describe various types of Marine Insurance Policies (4)  
b) Explain Difference between Open Cover & Floating Policy (6)  
c) Explain Double Insurance and its implication. (4)
8. Write short notes on:  
a) Negotiable and Non-Negotiable Bill of Lading (3)  
b) Ship Management Companies (4)  
c) Registration of Indian Ships (7)

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