

**INDIAN MARITIME UNIVERSITY**  
(A Central University, Government of India)

May/ June 2017 End Semester Examinations  
**Diploma in Nautical Science- Second Semester**  
(AY 2015 batch onwards)

**Emergencies, Maritime Communication and Commercial Shipping**  
**Knowledge (UD11T3206)**

Date : 21.06.2017  
Time: 2 Hrs

Maximum Marks: 70  
Pass Marks : 35

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**Section A**

**Emergencies**

( Answer any 1 out of 2 Questions given)

1. a . How will you release the Life Buoy on the Bridge Wing to rescue survivor in the water? What happens to the L/Buoy and its attachments in the water after release?  
b. Explain the maintenance done to the Life Jackets on a ship.  
(2x 5 =10 marks)
  
2. a. List any 4 items available to the survivors in the Life Boat to communicate/ attract attention with the passing ships or shore. List any other 6 items found in the Life Boat equipment.  
b. Describe the procedure for launching of Enclosed Life Boats.  
(2 x 5 =10 marks)

**Section-B**

**Maritime Communication**

(Answer any 4 out of 5 Questions given)

3. a. Explain the sea areas designated as per GMDSS for carriage of equipment.  
b. List the equipment carried in any two such areas. (2 x 5 =10 marks)
  
4. Explain with an example of each the meaning as per GMDSS of the following:
  - a.Safety
  - b.Urgency
  - c. Distress( 3+3+4=10 marks)

5. a. Write a short note on International Code of Signals.  
 b. Explain the meaning of :  
 i) Tackline ii) Half mast iii)Close Up (2 x 5 marks =10 marks)
6. a. With a representative diagram, explain the location of: Jack staff, Main Mast, Yard arm, Foremast on a ship.  
 b. List the flags flown from the above indicated locations.  
 ( 2 x 5 marks= 10 marks)
7. Discuss the relevance of :  
 a. ISM Code  
 b. STCW Convention  
 c. PSC (3+3+4 marks=10 marks)

**Section-C**  
**Commercial Shipping Knowledge**  
**( Answer any 2 out of 3 Questions given)**

8. a. Explain any 5 types of Ports.  
 b. How is the role of a Shipowner different from that of a Charterer.  
 ( 2 x 5 marks= 10 marks)
9. a. What is the difference between a Service Contract and Articles of Agreement?  
 b. What is a Tramp Trade? (2 x 5 marks = 10 marks)
10. a. Expand the following abbreviations and state their purpose:  
 i) ILO ii) WHO iii) SIGTTO iv) INTERCARGO  
 b. What is the purpose of Classification Society and list any two Societies?  
 ( 8+2 marks =10 marks)

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