

# INDIAN MARITIME UNIVERSITY

(A Central University, Government of India)

## END SEMESTER EXAMINATION /December2017

**Programme:** B.Tech(Marine Engineering)

**Semester:** VII

**Subject Name:** IMO & Maritime Convention

**Subject Code:** UG11T2703/  
UG11T1803

**Date:** 08.12.2017

**Maximum Marks:** 100

**Time:** 3 hrs

**Pass Marks:** 50

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### PART-A

10 x 3 Marks= 30 Marks

(All questions are compulsory)

- 1.(a) Explain the term "Recognised Organisation"
- (b) How does a Company establish a "Safety & Environmental Protection Policy"
- (c) Necessity of SSAS (Ship Security Alert System)
- (d) Purpose of ballast water management (BWM)
- (e) What is "Anniversary Date" relevant to Survey and Certification
- (f) SOLAS 74 Regulation for "Dry-Docking" a cargo ship
- (g) Role of IACS in International Shipping.
- (h) Rest-hours requirement for ship's crew as per STCW-95
- (i) Describe last 2 Chapters of SOLAS 1974 Convention as amended
- (j) List 6 types of safety related drills carried out on ships in compliance with emergency preparedness

### PART-B (5 x 14 Marks = 70 Marks)

- 2.(a) What is the function of "Port State Control" ? (5)  
b) List out 6 Nos. deficiencies, which can lead to detention during a PSC Inspection. What are the consequences of detention. (9)
3. (a) Discuss Marpol Annex VI , with respect to emission controls in force. (8)  
(b)With reference to "Oil Record Books" describe 3 Nos. Activities/Operation (engine room related) which needs to be recorded. Specify nature of entries (6)

- 4.(a)With respect to ISM Code how does a company comply with“Master’s responsibility and Authority (9)
- (b)What is SMC and action taken to maintain its continued validity. (5)
- 5.(a)State the factors which decides the composition of an “Engineering Watch”( 7)
- (b) Describe precautions to be taken in keeping watch when the “ship is at anchor” (7)
- 6.(a) As required by “International Health Regulation”, describe what is “Maritime Declaration Of Health” and what are its contents ? (8)
- (b)Properties of “Drinking water quality” on board should comply with WHO’s guidelines. List 7 such properties of this water and tests required on board. (6)
- 7.(a) What are the 2 basic aims of MLC-2006, (2)
- (b) Specify the purpose and benefit of each regulations under Title2 –Conditions Of Employment of MLC-2006. (12)
- 8.(a) With reference to COLREG 1972, specify and briefly explain the requirement of regulations under Part D-“Sound & Light Signals” (10)
- (b) Briefly describe a New Supplement F under this Convention that has been adopted in Jan’2016. (4)

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