

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

May/ June 2017 End Semester Examinations
B.Tech. (Marine Engineering) Seventh Semester
(AY 2009-2014 batches)

IMO & Maritime Conventions
(UG11T2703/UG11T1803)

Date : 16.06.2017

Maximum Marks: 100

Time: 3 Hrs

Pass Marks : 50

Part – A **(10 x 3=30 Marks)**

(All questions are compulsory)

1. (a) Name Five major IMO Conventions adopted on Maritime Safety
- (b) Explain the relevance of SMC with respect to ISM Code
- (c) Differentiate between "Flag State" and "Port State"
- (d) Expand & clarify these terms : i) SSO (ii) IAPP iii) MEPC
- (e) Briefly describe the activity of Intermediate survey by Class.
- (f) What does IOPP certificate stand for and what is its validity?
- (g) Name Three reputed Classification Societies and their functions.
- (h) Load Line survey comprises of inspection/checking of vessel. Name and describe Three such areas.
- (i) What is the purpose of "Oil Record Books", and when is it used?
- (j) At what intervals are "Under water hull inspections" of vessels carried out? Indicate Three items that are surveyed

Part-B

(Answer any FIVE of the following) (5 x 14 = 70 Marks)

2. (a) Name any five Statutory Certificates necessary for an ocean going vessel, indicating the relevant convention (5 Marks)
- (b) What is necessary to keep the certificates valid at all times (9 Marks)

3. (a) Port State Control Inspections- Which authority is empowered to exercise it and what are the aims of this inspection? (10 Marks)
(b) Enumerate any four deficiencies, which can result in detention of a vessel (4 Marks)
4. What documentary evidence is available to indicate that a Shipping Company has a valid Safety Management System in place (as per ISM Code). Describe the procedures of obtaining it and maintaining its validity. (14 Marks)
5. (a) Describe "COLREG" Convention. What are the salient features and precautions necessary to comply with stipulated rules? (10 Marks)
(b) How vessels conduct themselves in restricted visibility? (4 Marks)
6. Name & describe the Annex of MARPOL 73/78 Convention which relates to prevention of pollution by oil & oily water. What entities are required on board a General Cargo ship to show that vessel meets the requirement. (14 Marks)
7. Explain clearly on
(a) National Body and its subsidiaries associated with Shipping regulations in India, including enactment and implementation of Rules (10 Marks)
(b) Alternate Certification as per 'STCW' Code. (4 Marks)
8. (a) Name the titles under which Maritime Labour Convention-2006 is established. Briefly describe the Regulations under individual titles. (12 Marks)
(b) What type of Certificate is issued to vessels on compliance of above regulations? (2 Marks)
