

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

B.Tech. (Marine Engineering) - Semester VIII  
December 2015 End Semester Examinations

**IMO & Maritime Convention**

Subject Code: UG11T1803

Time: 3 hrs

Date: 2.1.2016

Max Marks: 100

Pass Marks: 50

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**Part -A**

**(10x 3 = 30 Marks)**

**Compulsory Question**

1. a) With respect to Oil Tankers, what do , SBT, CBT,& LOT stand for?  
b) With reference to MARPOL ANNEXE-II, state the nos. Of categories of NLS and name them.  
c) State the requirements, to be fulfilled , by the Electrical Officer of a ship , as per STCW 2010 Convention and under which chapter does it come.  
d) What type of deficiencies may give rise to detention of a ship in a port during PSC inspection?  
e) What does IOPP certificate stand for and what is its validity?  
f) With reference to ISPS code what are the responsibilities of “Ship Security Officer”?  
g) Name the “Special Areas” as per MARPOL Annexe-V.  
h) With reference to ISM code, what are meanings of i) “Non-Conformity”, ii) “Major Non-conformity” , iii) “Objective Evidence”.  
i) State the difference between “Explicit” & “Tacit” ratification as per IMO convention.  
j) As per latest amendment to STCW convention, what do the following chapters refer to:- i) Chapter-V, ii) Chapter-VI, iii) Chapter-VII?

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**Part - B**

**(5 x 14 = 70Marks)**

**Answer Any Five of the following (All question carry equal marks)**

2. State the duties of Port State Control . Indentify the difference between the Port State & Flag State. Who performs the duties of Port State Control in United States of America.?
3. With reference to the Marpol 73/78 Convention and its latest amendment in 2010, answer the following:- i) what are contents of Chapter- IX, of Annexe-I; ii)What conditions are to be met with for discharge of oily mixtures from Machinery Spaces in “Special Areas”; iii) with respect to Annexe-VI. What do the abbreviations, like EEDI., EEOI, SEEMP stand for?
4. State the objectives and functional requirements of ISM code.  
With reference to the said code, explain the significance of  
i) Emergency Preparedness,  
ii) Interim Certification.
5. Make a list of mandatory certificates and documents required to be carried on board the ship. What will be the consequences , if such certificates are not produced at the time of inspection.

6. A) State the objectives of formation of a "Classification Society".  
B) What is meant by i) IACS & ii) Continuous Machinery Survey as related to Classification Society.
7. With reference to SOLAS Convention 1974 as amended, answer the following:-
  - a) How many chapters are there in it and what do they relate to?
  - b) State the additional safety measures required for a Bulk Carrier as stated in Chapter-XII of the said convention.
8. With respect to STCW Convention 2010, answer the following:-
  - a) How many Chapters are there in it & what do they relate to?
  - b) What is the difference between STCW Convention & STCW Code And how many parts are there in STCW Code and their relevance?

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