

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

**B.TECH. (MARINE ENGINEERING)**  
**Semester – VIII – September 2015 Examination**

**IMO & MARITIME CONVENTION**  
**Subject Code: UG11T1803**

Time: 3 Hours

Max Marks: 100

Date: 24.9.2015

Pass Marks: 50

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**Question no.1 is compulsory.**

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**SECTION – A**

(3X10=30 Marks)

**COMPULSORY QUESTION**

1. Answer all the parts of the following:-
  - a) With respect to International Maritime Convention, what is the difference between Explicit and Tacit Ratification?
  - b) Distinguish between “Flag State & “Port State”
  - c) As per ISM code , what is the significance of DOC & SMC?
  - d) Name the” special areas” as per Annex-I of Marpol.
  - e) When is the World Maritime Day celebrated & how many Member countries & Associate Member countries do IMO have?
  - f) How many Oil Record books are carried on Oil Tankers and what do they relate to?
  - g) As per STCW convention, what does Alternate Certification relate to?
  - h) State the period of Validity of IOPP certificate & state also how the validity remains updated.
  - i) With reference to ISPS Code, what is the difference between “Company Security Officer “ & “Ship’s Security Officer”
  - j) Name three important conventions developed by IMO.

**SECTION-B**

(5X14=70 Marks)

**ANSWER ANY FIVE OF THE FOLLOWING QUESTIONS**

2. With respect to STCW Convention 2010, answer the following:-
  - a) How many chapters are there & what do they relate to?
  - b) How many parts are there in STCW CODE and what are their relevance?

3. What is a Classification Society? And state the objectives of formation of the same. Mention the types of surveys and their importance, carried out by the said society. State the consequences, if the ship owner does not maintain the class of the ship.
4. State the objectives of Port State Control. What are the shortcomings for which a ship may be detained by the Port State Control.
5. What does the ISPS Code relate to. State the objectives and functional requirements this code. Explain the significance of Ship Security Officer.
6. With respect to STCW 2010 Convention, answer the following:-
  - a) Guidelines in performing an Engineering Watch in open sea.
  - b) Basic requirements of an engineering watch in unsheltered Anchorage.
7. With reference to ISM Code, state how many clauses are there in it also comment on the following :- a) Emergency Preparedness, b) Resources & Personnel.
8. Explain the objectives of Marpol Convention. Discuss the Annex VI of Marpol keeping in view the changes in 2010 Manila Conference with special reference to NOx, Sox, PM, & Ozone depleting substances.

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