

**INDIAN MARITIME UNIVERSITY**  
(A Central University, Government of India)  
**End Semester Examination Dec 2019/Jan 2020**  
**B Tech (Marine Engineering)**  
**Semester –VII/VIII**  
**UG11T2703/1803- IMO & Maritime Conventions**

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**Date: 13.12.2019**

**Max Marks: 70**

**Time: 3 Hours**

**Pass Marks: 35**

**Part – A (compulsory)**

**Answer the following (10×2=20 Marks)**

1. Expand the following: IPA, WTO, ITF, BIMCO and STCW Code.
2. Name at least four international conventions and two codes required for safe operation of merchant ships worldwide.
3. What is the role of classification society? Explain with examples.
4. Define Certificate of Proficiency and Certificate of Competency.
5. Name five international instruments having provision of port state control inspections.
6. Write down the objectives of ISM Code?
7. Write short notes on International Regulations for Preventing Collisions at Sea (COLREG).
8. List important properties of "Drinking water" used onboard merchant ship as per WHO guidelines.
9. Name the Certificates required under ISPS Code. How many levels of security are required under this Code?
10. Name the "special areas" as per Annex-1 of MARPOL 73/78, as amended.

**Part-B**

**Answer any 5 out of 7 questions (5×10= 50 marks)**

11. (a) Expand the term STCW Convention and STCW Code. Write down five important amendments brought through Manila Conference.  
(5 marks)
- (b) Define "Function" in STCW Convention and name the "Functions".  
(5 marks)
12. (a) What basic principles are observed in keeping an engineering watch?  
(5 marks)
- (b) Explain briefly under what circumstances the watch keeping engineer would refuse handing over engine room watch to the incoming engineer.  
(5 marks)

- 13.** (a) Define Port State Control Inspection and write down the procedure for carrying out Port State Control Inspection. (5 marks)
- (b) Define clear grounds and give at least three examples. What actions are initiated on finding the major deficiencies?  
(5 marks)
- 14.** (a) Explain explicit/tacit amendment acceptance procedure by giving an example. (5 marks)
- (b) Explain DOC and SMC in ISM code. What are Master's duties, responsibilities? Explain master's overriding Authority? (5 marks)
- 15.** (a) What is "Ship Sanitation Control Exemption Certificate" and "Ship Sanitation Control Certificate" under IHR-2005? (5 marks)
- (b) Write all the annexes of MARPOL 73/78, as amended. (5 marks)
- 16.** (a) Explain briefly Harmonization of surveys. Which all Conventions are considered for Harmonization survey? (5 marks)
- (b) Write down the five Titles of Maritime Labour Convention (MLC) 2006. What is on-board complaint procedure under MLC regulation? (5 marks)
- 17.** Write short note on:
- (a) Statutory Bodies. (3 marks)
- (b) Flag state and Port State. (3 marks)
- (c) RO and Condition of Class. (4 marks)