

INDIAN MARITIME UNIVERSITY
(A Central University, Government of India)
End Semester Examinations- June-July 2019

Semester – VII
B.Tech (Marine Engineering)
IMO & Maritime Conventions (UG11T2703/T1803)

Date: 15-07-2019

Maximum Marks: 100

Time: 3 Hrs

Pass Marks: 50

PART A

This Part is mandatory and each question carries 3 marks.

(10x3 = 30 Marks)

- 1.(a) Explain the role of IMO as a specialized agency of UN.
- (b) What is the objective of STCW Convention and its subsequent amendments?
- (c) Write down the requirements of basic modular training courses for a person to join a ship.
- (d) What is the requirement for a rating of an engine room to allow him to be a watch keeper at support level?
- (e) Write MARPOL discharge criteria for pumping out engine room bilge water into the sea of a general cargo ship of 10,000 gt. and above.
- (f) What regulation is required for a life boat engine and how its compliance is verified?
- (g) Explain Company and DOC in ISM Code.
- (h) Briefly explain the Master's overriding authority.
- (i) Briefly explain "Anniversary Date" in respect of Survey and Certification?
- (j) Write down the important declarations to be made by the Master of a ship with respect to Port Health Regulations prior visiting a port.

PART B

Answer any five 5x14 = 70 Marks

2. (a) Expand the terms STCW Convention and STCW Code. Write down at least 5(five) important amendments brought through Manila Conference. ---7 M
- (b) What is CIP, a circular issued by DG Shipping? How does it help in monitoring the quality system of Indian Maritime Institutions? ---7 M
3. (a) What basic principles are observed for an engineering watch when ship is at anchorage? -----7 M

- (b) What additional courses an engineer officer has to do if he decides to sail on Passenger ships? -----7 M
4. (a) Mention briefly at least three(3) regulations required for safe operation of Crude Oil tankers. -----7 M
(b) What special precautions are needed for Oil Tankers in her maintenance work while ship is in operation? -----7 M
5. (a) Define Port State Control Inspection? Describe the procedure of port state control inspection. What happens when serious deficiencies are noted? -----7 M
(b) What all certificates and how are they issued to a Container ship under ISM code and how these certificates are maintained? -----7 M
6. (a) What is the role of "Designated Person Ashore" of a Shipping Company under ISM code? Enumerate his qualification and experience as required by the Code. -----7 M
(b) Enumerate the compliance requirements of section 10 of ISM code, "Maintenance of the Ship and Equipments?" -----7 M
7. (a) What is ISPS code and what are its objectives? Briefly explain the SSP; CSO; and Security Level 3 in ISPS Code. -----7 M
(b) What is "Tacit Acceptance" Procedure? Briefly explain its usefulness with respect to IMO Conventions by giving an example. -----7 M
8. (a) Explain briefly harmonization of surveys. Which all Conventions are taken under harmonization survey? -----7 M
(b) What is WHO role in Shipping? What are Ship Sanitation Certificate and Ship Sanitation Exemption Certificate? Briefly explain the difference between the two certificates. ----7 M