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***B.Tech. Degree VIII Semester Regular Examination in  
Marine Engineering June 2023***

**19-208-0803 MARITIME STATUTORY REGULATIONS  
(2019 Scheme)**

Time: 3 Hours

Maximum Marks: 60

Course Outcome

On successful completion of the course, the students will be able to:

- CO1: Gain knowledge regarding IMO and its structure, UNCLOS, SOLAS and other conventions regarding ship's safety.  
 CO2: Understand different provisions of the ISM code and ISPS code.  
 CO3: Explain the pollution related to conventions, Acts and regulations.  
 CO4: Understand about ILO's Maritime Labour Conventions.  
 CO5: Gain knowledge on National Legislations, Flag State and Port State Control.  
 Bloom's Taxonomy Levels (BL): L1 – Remember, L2 – Understand, L3 – Apply, L4 – Analyze, L5 – Evaluate, L6 – Create  
 PI – Programme Indicators

(Answer **ALL** questions)

(5 × 15 = 75)

		Marks	BL	CO	PI
I.	(a) IMO Conventions consist of Article, Regulations and Codes. Describe each of them.	10	L5	1	1.4.1
	(b) Describe in brief structure and functions of IMO.	5	L2	1	1.4.1
<b>OR</b>					
II.	(a) Describe duties of Flag State as enumerated in UNCLOS 1982 Convention.	10	L2	1	1.4.1
	(b) State the functional requirements of Fire Safety of a ship as described in SOLAS 1974 as amended.	5	L5	1	1.4.1
III.	(a) Describe contents of Safety Management System manual of a ship as per ISM Code.	10	L3	2	1.4.1
	(b) State the requirements to be complied with for issue of Interim DOC and interim SMC.	5	L4	2	1.4.1
<b>OR</b>					
IV.	(a) Describe various functional requirements of ISPS Code of a sea going ship.	10	L5	2	1.4.1
	(b) Explain various security levels applicable for ships and Port Facilities as per ISPS Code.	5	L4	2	1.4.1
V.	(a) Name various statutory certificates and documents to be held by different type of ships under applicable annexures of MARPOL 73/78 as amended	10	L1	3	1.4.1
	(b) State the standard for discharge of cargo wash under Annex II, MARPOL 73/78 as amended.	5	L3	3	1.4.1
<b>OR</b>					
VI.	(a) State criteria for discharge of oily water from machinery space and cargo space of an oil tanker.	10	L3	3	1.4.1
	(b) State contents of NOx Technical file.	5	L5	3	1.4.1

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		Marks	BL	CO	PI
VII.	(a) Describe flag state responsibilities under Maritime Labour Convention 2006.	10	L4	4	1.4.1
	(b) Enumerate rights of seafarer as described in MLC 2006.	5	L1	4	1.4.1
<b>OR</b>					
VIII.	(a) Describe areas covered under Title 5 – ‘Compliance and Enforcement’ of MLC 2006.	10	L2	4	1.4.1
	(b) State hours of work and hours of rest of seafarers as stated in MLC 2006.	5	L3	4	1.4.1
IX.	(a) Describe various types of statutory surveys such as special survey, annual survey, intermediate survey and renewal survey. Also state the periodicity of each survey.	10	L2	5	1.4.1
	(b) State the requirements to be complied with for recognition as Recognised Organisation.	5	L3	5	1.4.1
<b>OR</b>					
X.	(a) Describe conduct Flag State and Port State Control inspections in Indian ports. State procedure for detaining ships under Port State Control.	10	L4	5	1.4.1
	(b) State structure of Maritime Administration in India.	5	L1	5	1.4.1

Bloom's Taxonomy Levels

L1 = 13.33%, L2 = 23.33%, L3 = 23.33%, L4 = 20%, L5 = 20%.

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