

**Indian Maritime University**  
**(A Central University, Govt of India)**  
**End Semester Examinations – June 2025**  
**Programme: B Tech (ME)**  
**Semester: Seventh**  
**Subject Code: UG11T4703**

**Subject Name: Management Principles of Ship Operation**

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Date: 04.06.2025

Max Marks: 60

Duration: 03 Hrs

Pass Marks: 30

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General Instructions

- (i) All Sections (A, B & C) are to be attempted.
- (ii) Options, if any, are specified in respective section.

**Section A**

**Ten MCQs/Fill in the Blanks of 01 Mark each – Choose the correct answer as applicable.**

Q 1 As per STCW convention minimum weekly rest hour must not reduce than  
a) 80hours b)78hours c)77hours d) 72hours

Q2 Designated Person is required as per

- a) STCW b) ISM Code c) ISPS Code d) IGC Code

Q3 Title of SOLAS chapter 5 is

- a) Carriage of Cargo b)General c)Specific requirement d)Safety of Navigation

Q4 This is a barrier in communication

- a) Speaking b) Writing c) Noise d) ventilation

Q5 E.R. Operation level officer is

- a) Second engineer b) Motorman c) CO d) Third-Engineer

Q6 This remains goal of a ship

- a) Profit b)Loss c) Break-even d) To make successful Voyages

Q7 Good team-work comprises following quality

- a) Hostile working b)Aggressive working c) Competition d)Cooperation among members

Q8 This is decision making tool

- a) Abrupt thinking b)group discussion for decision c)taking control d)No thinking

Q9 SOLAS chapter-iii is related to

- a) FFA b) SOPEP C)Oil pollution d) LSA

Q10 Standard Operating procedure can be developed for

- a)taking rest b)going in Gym c)playing d)Overhauling of Main -engine unit

### **Section B**

#### **Five Questions of 02 Marks each**

Q11 Write the name of 4 barriers in communication?

Q12 Write the role of Designated-person?

Q13 Why safety familiarization remains important on board in joining?

Q14 Write the name of all machineries located in ER?

Q15. Why is the rest hours also important on ship?

### **Section C**

#### **Seven Questions of 8 Marks each of which any 05 questions to be answered.**

Q16 Describe all engine room resource management required in ER?

Q17 What is communication and barriers in communication?

Q18 Write all leadership qualities required in E.R.-management level officer?

Q19 Write the detail about ship's entire team and team-work?

Q20 Write about decision making tools and technics?

Q21 Write all training methods for seafarer?

Q22 Write the salient points in STCW convention?