

**INDIAN MARITIME UNIVERSITY**  
(A Central University, Government of India)  
**End Semester Examination Dec 2019/Jan 2020**  
**B.Sc. (Nautical Science)**  
**Semester -V**  
**UG21T2505- Ship Operation Technology-V**

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**Date: 24.12.2019**

**Max Marks: 70**

**Time: 3 Hours**

**Pass Marks: 35**

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**Note: Answer any five questions in section A and any Two in section B. All questions carry equal marks.**

**7 x 10 = 70 marks**

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**PART – A**

**Answer any five questions in section**

**(5x10= 50 marks)**

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- Q1. How will you prepare your vessel for Safety Equipment (SEQ) survey?
- Q2. What is PMS? State its purpose and types of PMS.
- Q3. State the actions to be taken in case of stranding of the vessel
- Q4. What is Muster List? List out its contents with an outline
- Q5. Explain the various methods to test the weather tightness of a hatch cover?
- Q6. Explain various methods of surface preparation before the application of paints

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**PART – B (MARINE COMMUNICATION)**

**Answer any Two question**

**2x10 = 20marks.**

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- Q7. Write Marine alphabet in phonetic form from A to Z.
- Q8. What are the different sea areas as per GMDSS? List all the equipment carried as per sea areas on a Merchant vessel.
- Q9. Explain the procedure of cancelling false distress alert (DSC, MF, HF)
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