

INDIAN MARITIME UNIVERSITY
(A Central University, Government of India)

May-June-18 -END SEMESTER EXAMINATION

B.Sc (Nautical Science)

Semester: V

SHIP OPERATION TECHNOLOGY-V (SOT-V) -UG21T2505

Date:11-07-2018

Max. Marks: 70

Time: 3 Hrs.

Pass Marks: 35

Note : Answer any SIX questions from section A and

any ONE from section B. All question carries equal marks

SECTION - A

(MAINTENANCE, EMERGENCIES & SMCP)

(60 marks)

1. Write short note on the following

5x2 = 10 marks

- a. Deep Tanks
- b. Bulkheads
- c. DB Tanks
- d. Rudder
- e. Davits

2. How will you prepare your vessel for safety equipment survey?

10marks

3. What is PMS? State its purpose and types of PMS?

10 marks

4. Explain the various methods to test the weather tightness of a hatch cover?

10 marks

5. What is Muster List? List out its contents with an outline 10 marks
6. Write Marine alphabet in phonetic form from A to Z. 10 marks
7. Explain various methods of surface preparation before the application of paints and discuss about all the types of paints used onboard ship
- 10marks

Section – B (MARINE COMMUNICATION)

Answer any one question 10marks.

8. What are the different sea areas as per GMDSS? List all the equipment carried as per sea areas on a Merchant vessel. 10 marks
9. How will you send a standard urgency message in GMDSS? Give the standard structure of the urgency message. 10 marks
