

INDIAN MARITIME UNIVERSITY
(A Central University Government of India)
END SEMESTER EXAMINATIONS-June/July 2019
B.Sc Nautical Science
Semester-V
Ship Operation Technology - V
(UG21T2505)

Date: 08-07-2019

Maximum Marks: 70

Duration: 3 hrs.

Pass Marks: 35

Note : Answer any SIX questions from section A and any ONE from section B. All questions carry equal marks

Part- A
(MAINTENANCE, EMERGENCIES & SMCP) (60 marks)

1. Write short note on the following 5x2 = 10 marks
 - a. Anchor
 - b. Bulkheads
 - c. Hull
 - d. Rudder
 - e. Davits
2. What is PMS? State its purpose and types of PMS.
3. Discuss in detail how you will prepare your vessel for annual inspection of ship's hull as required by a "Special Survey Hull".
4. What is Muster List? List out its contents with an outline
5. Explain the various methods to test the weather tightness of a hatch cover?
6. Write Marine alphabet in phonetic form from A to Z.
7. Explain various methods of surface preparation before the application of paints and discuss about all the types of paints used onboard ship.

Part - 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.
9. How will you send a standard Distress message in GMDSS? Give the standard structure of the Distress message.
