

INDIAN MARITIME UNIVERSITY

[A Central University, Govt of India]

B.Sc., [NS] from 2013 batch onwards – Semester VI

Sub Code: UG21T2605 Ship Operation Technology - VI

June 2016 End Semester Examinations

Duration: 3 hrs

Marks: 70

Date: 18.06.2016

Pass Marks: 35

Answer any seven questions. All questions carries equal marks 7x10 = 70marks

1. Describe the general procedures to be followed if your vessel is scheduled to go for Dry docking
(10 marks)
2. a) Explain in brief the methods of Pest control used onboard ship. (5 marks)
b) Explain in brief the processes of fumigation for Cargo holds, (prior, during and after)
(5 marks)
3. Prepare a check list for conducting renewal survey of Safety Equipment for your vessel. (10 marks)
4. a. Explain the role and responsibilities of various Classification Societies.
(5marks)
b. List any five statutory surveys and certificates to be carried by a merchant ship. (5marks)
6. Explain the complete Procedures for abandoning ship. (10marks)
7. Explain in brief about the Precautions for the protection and safety of passengers
in Emergency situation. (10 marks)
8. a. Write in short the contents of IAMSAR. (5 marks)
b. Write in brief the various Search Patterns as per IAMSAR Volume III (5marks)
9. a. Explain the functioning of safety committee onboard ship (5marks)
b. Write in brief about the hot work permit onboard ship. (5marks)
