

Indian Maritime University
(A Central University, Govt of India)
B.SC (Nautical Science)
May/June 2018 End Semester Examinations
Semester VI
Ship Operation Technology-VI-UG21T2605

Time: 3 Hours

Max Marks: 70

Date: 13.06.2018

Pass Marks: 35

Note: Question No. 1 is compulsory.

Answer any 6 questions from remaining 8 questions.

Sketch to be drawn wherever relevant.

1. Explain the procedure for abandoning ship on a passenger Vessel. (10 Marks)
2. Explain the arrangements and use of emergency steering onboard ship.
(10 Marks)
3. Explain in detail the precautions to be observed during dry docking operations.
(10 Marks)
4. Write in detail on fumigation of Cargo holds and living spaces onboard ship.
(10 Marks)
5. Explain in detail how you will prepare your vessel for special survey classification society.
(10 Marks)
6. Explain initial and subsequent action when man falls over board.
(10 Marks)
7. Explain the purpose and responsibilities of an employer under recruitment and placement rules 2005 (RPS).
(10 Marks)
8. Write in detail Permit to work system and working over side permit onboard ship.
(10 Marks)
9. Explain with simple sketch various search patterns adopted as per IAMSAR manual Vol III.
(10 Marks)