

INDIAN MARITIME UNIVERSITY

B.Sc. Nautical Science

Semester Examination Dec 2017

Ship Operation Technology Paper– III

UG 21T2310

Duration: 3 hrs

Max Marks 70

Date : 21.12.2017

Note: Attempt any **Five** questions out of **Seven**. All questions carry equal marks. (**5*14=70 Marks**)

- Q.1 Explain the terms
(a) Anchor ready for letting go
(b) Anchor aweigh.
- Q.2 Name LSA requirements for Cargo Ships.
- Q.3 Discuss Safety Precautions while:
(a) on mooring stations.
(b) using Portable ladder
- Q.4 Explain Safe operation, Precautions and Principle of fire extinguishing of any two Portable Fire Extinguishers.
- Q.5 Write short notes on:
(a) Tactical diameter of a turning circle (with reference to manoeuvring data of the ship)
(b) Effect of Under –keel clearance on manoeuvring.
- Q.6 Discuss use of following Flags in marine communication
(a) Pilot Flag
(b) Quarantine Flag
- Q.7 (a) What type of davit is used for enclosed life boat and explain its Operation
(b) What all Precautions you will taken while using SCBA
