

Indian Maritime University

(A Central University, Govt of India)

May-June 2018 End Semester Examinations

B Sc (Nautical Science)

Semester-III

SHIP OPERATION TECHNOLOGY - PAPER III (UG21T2310)

Date: 23-07-2018

Maximum Marks : 70

Time: 3 Hrs.

Pass Marks : 35

Note: - Answer any seven questions. All questions carry equal marks.

- 1) Explain the terms with respect to Anchor Work: (2x5=10 marks)
 - a) Dragging
 - b) Up & Down
 - c) Foul Anchor
 - d) Anchor Aweigh
 - e) Veer Cable

- 2) Explain the terms with respect to Life Saving Appliances:
 - a) Drill Planner
 - b) Rescue Boat(5x2 = 10 marks)

- 3) Explain 'Muster List' and its Contents. Explain the significance of Muster Cards. (10 marks)

- 4)
 - a) Explain 'Enclosed Space Checklist' (3 marks)
 - b) Enumerate the contents of 'Enclosed Space Checklist'. (7 marks)

- 5) Enumerate the safety precautions to be taken during Mooring Stations. (10 marks)

- 6) Explain the terms: (3+3+4=10 marks)
a) International Shore Connection
b) Fire Blanket
c) Fireman Outfit
- 7) Explain the terms with suitable Sketch: (5x2=10 marks)
a) Williamson Turn b) Scharnow Turn
- 8) Sketch and Explain with respect to Turning Circle: (3+3+4=10 marks)
a) Advance b) Transfer c) Tactical diameter
- 9) Write short notes on: (2x5=10 marks)
a) Courtesy Flag
b) Dipping the Ensign
c) Tackline
d) Ensign staff
e) Close up
