

INDIAN MARITIME UNIVERSITY
(A Central University, Government of India)
May-June 2018 End Semester Examinations
Diploma in Nautical Science (DNS)
Semester : II
Ship Operations
(UD11T 2205)

Date: 08-06-2018

Maximum Marks : 70

Time: 2 Hrs

Pass Marks : 35

Section-A

Answer any FOUR questions from this section (40 marks)

1. Write notes on following: (2 marks x5 =10 marks)
 - a) SOPEP
 - b) Latest SOX requirement
 - c) Ballast Water Management
 - d) Anti Fouling Paint Pollution
 - e) Oil Record Book

2. Briefly State the importance of the following Conventions.
 - a) Load Line (5 marks)
 - b) STCW 2010 (5 marks)

3. List various types of Valves and state their functions. (10 marks)

4. List the dangers associated with hydraulic system. State the safety precautions to be observed while working on hydraulic system. (10 marks)

5. Explain Importance of machine drawing. List the instruments used for machine drawing. (10 marks)

Section – B

Answer any THREE questions from this section (30 marks)

- 6.** a) Explain the proper procedure to use walkie-talkie and VHF set. (5 marks)
b) What is the purpose of International code of signals? (5 marks)
- 7.** a) Explain procedures for Distress messages. (5 marks)
b) What is the use of GMDSS equipments? (5 marks)
- 8.** Describe the following
- a) Ship Agent (2 marks)
 - b) Ship Broker (2 marks)
 - c) Liner Shipping Trade (2 marks)
 - d) Article of Agreement (2 marks)
 - e) Stevedore (2 marks)
- 9.** Write short notes on the following
- a) WHO (2 marks)
 - b) IACS (3 marks)
 - c) BIMCO (2 marks)
 - d) ILO (3 marks)
