

Handwritten notes: Copying Copy, 26/06/2019 A/N

INDIAN MARITIME UNIVERSITY
 (A Central University Government of India)
END SEMESTER EXAMINATION-JUNE-JULY 2019
Diploma in Nautical Science
Semester: II
Cargo Handling, Stowage and Seamanship II
(UD11T1203)

Date: 26.06.2019
Time: 2 hours

Max.Marks: 70
Pass Marks: 28

PART-A (50 Marks)

Note: Attempt any 5 questions each carry 10 marks.

1. Explain with a simple sketch the types of cargo piping and pumping arrangement on Crude Oil Tankers (10 Marks)
2. List out all the hazards associated with carrying of Chemical cargo on a chemical tanker. (10 Marks)
3. Write in detail on Crude Oil Washing (COW). (10 Marks)
4. What are all the duties of OOW on a cargo watch of a General Cargo vessel in a port? (10 Marks)
5. Explain with simple sketch, all the six types of motions the ship is subjected to at sea. (10 Marks)
6. What are the advantages and disadvantages of containerization cargoes? (10 Marks)

PART-B (20 marks)

Note: Attempt any TWO questions. Each carries 10 marks.

7. With simple sketch explain all types of cargo slings used on board.

(10 Marks)

8. Explain the following anchoring terms:

5x2 = 10 marks

- a. Shortening-in
- b. A cock bill position
- c. Anchor Aweigh
- d. Long Stay
- e. Short Stay

9. What are the role and responsibilities of the safety officer onboard ship?

(10 Marks)
