

INDIAN MARITIME UNIVERSITY
(A Central University, Government of India)
END SEMESTER EXAMINATION DEC'17/JAN'18
Programme: B.Sc. (Nautical Science)

Subject Name: Cargo Handling & Stowage – III

Semester: III

Subject Code: UG21T2308

Date: 22.12.2017

Maximum Marks : 70

Time: 3 Hrs.

Pass Marks : 35

Note: - Answer any Seven Questions out of Nine Questions.
(7 x 10 Marks each = 70 marks)

- 1) Write short notes on following: (2x5=10 marks)
 - A) Competent Person
 - B) Document of Authorization
 - C) MSDS Sheet
 - D) TML
 - E) Angle of Repose

- 2) Draw the diagram of a simple derrick and label its parts. (10 marks)

- 3) Enumerate various checks to be carried out on Ship's cargo gear before using it for cargo operations. (10 marks)

- 4) Describe the powers of Dock Safety Inspector. (10 marks)

- 5) Describe the documentation to be maintained on ship with regards to initial and periodical testing of Lifting gears & Loose gears. (10 marks)

- 6) Enumerate the content of Ship Shore Safety Checklist for dry bulk cargoes. (10 marks)

- 7) Explain with respect to Grain code the contents of "Grain Loading Booklet" (10 marks)

- 8) A) With respect to Timber code enumerate 5 causes responsible for shifting of timber deck cargo during its carriage at sea. (5 marks)
- B) Explain various classes of cargoes as per IMSBC code with examples. (5 marks)
- 9) Describe various lashing arrangements used to secure timber cargo on deck. (Support your answer with appropriate diagrams) (10 marks)

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