

INDIAN MARITIME UNIVERSITY
(A Central University, Government of India)
END SEMESTER EXAMINATIONS - DECEMBER 2018

B. SC (NAUTICAL SCIENCE)
Semester: I (2016 Batch Onwards)
GENERAL SHIP KNOWLEDGE (UG21T3105)

Date: 07.01.2019

Max. Marks: 70

Time: 3 Hrs.

Pass Marks: 35

Attempt any 7 questions. All questions carry equal marks

1. Draw the profile view of a container ship. (10 marks)
2. Sketch and define the following. (5 x 2 marks)
 - a) L.B.P
 - b) Length overall
 - c) Air Draft
 - d) Flare
 - e) Camber
3. Sketch and label port side load line mark of a vessel. (10 marks)
4. a) Sketch and label bilge keel. (2x5=10 marks)
b) Explain "Shell Plating".
5. Sketch and label midship section of an oil tanker. (10 marks)
6. Sketch and label the following on a general cargo ship. (5 x 2 marks)
 - a) Cranes
 - b) Mast house
 - c) Cargo holds
 - d) Propeller
 - e) Rudder
7. Write short notes on (2x5=10 marks)
 - a) DB Tanks
 - b) Peak Tanks

8. Sketch and explain the following.

(2x5=10 marks)

- a) Cowl ventilator
- b) Sounding pipe

9. Write short notes on following.

(2.5x4 =10marks)

- a) Climate
- b) Wind
- c) Current
- d) Tide
