

INDIAN MARITIME UNIVERSITY
(A Central University Government of India)
END SEMESTER EXAMINATIONS-June/July 2019
B.Sc Nautical Science
Semester-V
Meteorology - III
(UG21T2507)

Date: 12-07-2019

Maximum Marks: 70

Duration: 3 hrs.

Pass Marks: 35

ATTEMPT ANY 7 OUT OF 9. All questions carry equal marks.

- 1 Write short notes on the following (5 X 2 MARKS)
 - a) local winds.
 - b) Air mass
 - c) Iceberg
 - d) ITCZ
 - e) Weather charts.
- 2) Differentiate between land and sea breeze. (10 MARKS)
- 3) Explain how air mass are formed. (10 MARKS)
- 4) Difference between prognosis and synoptic weather chart. (10 MARKS)
- 5) Explain the contents and use of ship's weather code. (10 MARKS)
- 6) Explain the movement of katabatic and anabatic wind (10 MARKS)
- 7) How the presence of iceberg is determined. (10 MARKS)
- 8) What actions to be taken in case of accumulation of ice on decks. (10 MARKS)
- 9) How is weather reporting done from ships (10 MARKS)