

**INDIAN MARITIME UNIVERSITY**  
(A Central University Government of India)  
**END SEMESTER EXAMINATIONS-JUNE/JULY 2019**  
**B.SC NAUTICAL SCIENCE**  
**SEMESTER-VI**  
**METEOROLOGY-IV**  
**(UG21T2607)**

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**Date: 12-07-2019**

**Maximum Marks: 70**

**Duration: 3 hrs.**

**Pass Marks: 35**

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**Attempt Any 7 Questions.**

- 1) Write short notes on the following. (5 x 2 marks)
  - a) Cyclone
  - b) Weather in eye wall of TRS
  - c) Eye of storm
  - d) Weather bulletin
  - e) Monsoon
  
- 2) Explain the general movement of current in Indian Ocean. (10 marks)
  
- 3) Discuss the weather associated with the following. (5 x 2 marks)
  - a) Ridge
  - b) col
  - c) Trough
  - d) Cyclone
  - e) Anticyclone
  
- 4) How the presence of TRS is determined. (10 marks)
  
- 5) What are the causes of formation of TRS. (10 marks)
  
- 6) How fronts are formed? Explain. (10 marks)
  
- 7) Explain in detail the weather associated with tropical revolving storm. (10 marks)
  
- 8) Explain the climate and weather characteristics of SW monsoon. (10 marks)
  
- 9) How weather routing is done? Explain. (10 marks)