

B.A. B.Ed. (Semester – VI/VIII) Examination, April/May 2019
GEOGRAPHY
Climatology and Oceanography

Duration : 2 Hours

Total Marks : 70

- Instructions :** 1) **All questions are compulsory.**
 2) **Figures to the right indicate full marks.**
 3) **Draw neat sketches and diagrams wherever necessary.**
 4) **Use of map stencil is allowed.**

1. Write on **any three** of the following in around **100 words each** : **15**
- i) Structure of the Atmosphere.
 - ii) Planetary Wind Systems.
 - iii) Laws of Horizontal Motion of air.
 - iv) Characteristics of a Source Region.
 - v) Hurricanes and Tornadoes - causes and consequences.
2. Explain **any three** of the following in around **100 words each** : **15**
- a) Classifications of Fronts.
 - b) Mechanism of the Indian Monsoon.
 - c) Temperature Inversions.
 - d) Types of Ocean Currents.
 - e) Explain any one Tidal Theory.
3. A) State and explain the different patterns of rainfall in the world. **10**
- OR
- X) Why is Solar Insolation not received as 100 percent on the earth surface ?
Explain.
4. A) Explain the Collision-Coalescence theory of precipitation. **10**
- OR
- X) What is a Source Region ? Give a detail classification of Airmasses.

RMP - 07



5. A) Give a detail account of the general ocean relief features. 10
OR
X) Explain the formation of Currents with reference to the Indian Ocean.
6. Write Short notes on **any two** of the following : 10
- a) Explain any two local winds.
 - b) Distinguish between Tropical and Temperate Cyclones.
 - c) Basis of Thornthwaite's Climatic classification.
 - d) Ocean Salinity and its distribution.