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F.Y. B.Sc.

GEOGRAPHY-II

**Gg - 120 : Climatology and Oceanography
(2013 Pattern) (New Course) (Paper-II)**

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *All questions carry equal marks.*
- 3) *Draw neat diagrams wherever necessary.*
- 4) *Use of map stencils is allowed.*

Q1) Answer the following in twenty words (Any Eight):

[16]

- a) Define climate.
- b) What is Ozonosphere?
- c) Define Earth's Albedo.
- d) Give types of planetary winds.
- e) What do you mean by high clouds?
- f) Define oceanography.
- g) Give the examples submerged coast.
- h) Define salinity.
- i) Define Wavelength.
- j) What do you mean by Tsunami?

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Q2) Explain the following in 150 words (Any Four): **[16]**

- a) Formation of pressure belts.
- b) Lapse rate.
- c) Mountain and valley winds.
- d) Emerged coast.
- e) Effects of ocean currents.
- f) Salinity of dead sea.

Q3) Answer the following in 150 words (Any Four): **[16]**

- a) Mechanism of monsoon winds.
- b) Causes of Global warming.
- c) Scope of climatology.
- d) Relief of Indian ocean.
- e) Ria coast.
- f) Types of tides.

Q4) Answer the following in 300 words (Any Two): **[16]**

- a) Importance of climatology.
- b) Vertical distribution of temperature.
- c) Causes of salinity.
- d) Explain in detail types of ocean currents.

Q5) Define precipitation, explain the forms of precipitation. **[16]**

OR

Explain with a neat diagram general idea of ocean relief.

