

B.Sc. (Honours) Part: II Examination 2020

Subject: Geography (Honours)

Third Paper Full Marks: 50 Time: 2 Hours

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Module - 5: Climatology

Module - 6: Soil and Biogeography

Category: A

Answer *any three* questions (each within 600 words)

10 X 3

1. What is meant by insolation? Discuss the factors affecting the distribution of insolation on the Earth's surface.
2. Identify the green house gases. Explain their increment and assess effects on the Earth's environment.
3. Critically discuss Thornthwaite's (1948) classification of world climate.
4. Explain the role of climate and parent materials as factors of soil formation.
5. Define biome and analyze the characteristics of Tropical Rain Forest Biome.

Category: B

Answer *any five* questions (each within 150 words)

4 X 5

6. Why do pilots prefer to fly through stratosphere?
7. Explain in brief the latitudinal heat balance of the globe.
8. Assess the importance of ozone layer.
9. Why are hot deserts situated in the tropics on the western part of the continents?
10. Distinguish between barotropic and baroclinic weather.
11. Differentiate Eluviation from Illuviation.
12. Distinguish between solum and regolith.
13. How does a producer differ from a decomposer?

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