



'समानो मन्त्रः समितिः समानी'

**UNIVERSITY OF NORTH BENGAL**

B.A./B.Sc. Honours 3rd Semester Examination, 2023

**CC5-GEOGRAPHY (301)**

**MODIFIED SYLLABUS**

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.*

**SECTION-I**

1. Define any **five** from the following: 1×5 = 5
- (a) Albedo
  - (b) MONEX
  - (c) Ozone Hole
  - (d) Homosphere
  - (e) Eye of Cyclone
  - (f) ITCZ
  - (g) Katabatic wind
  - (h) Hadley Cell.

**SECTION-II**

**Answer any three questions from the following**

5×3 = 15

- 2. Briefly write on the composition of the earth's atmosphere.
- 3. What are the causes of global warming?
- 4. Write a short note on planetary wind system.
- 5. Mention the different types of precipitation with a suitable diagram.
- 6. Write a short note on ENSO.

**SECTION-III**

**Answer any two from the following**

10×2 = 20

- 7. Discuss in detail with suitable diagram the horizontal and vertical distribution of temperature. 10
- 8. What is inversion of temperature? Discuss the different types of temperature inversion. 2+8
- 9. Analyse the Jet Stream Theory of monsoons with suitable diagram. 10
- 10. Discuss in detail Koppen's scheme of world's climatic classification with suitable table. 10

—x—