'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: $1\times5 = 5$

   (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 $5\times3 = 15$

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 $10\times2 = 20$

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

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