



**COOCH BEHAR PANCHANAN BARMA UNIVERSITY**  
UG NCCF FIRST SEMESTER EXAMINATIONS, 2023

**GEOGRAPHY**

**COURSE: MAJOR-1**

**PHYSICAL GEOGRAPHY**

**PAPER CODE: GEO-MAJ1**

Time Allotted: 2 Hours 30 Minutes

Full Marks: 50

*The figures in the margin indicate full marks.*

**SECTION-I**

**Answer any two questions**

10×2 = 20

1. Discuss the Convection Current Theory of mountain building after Holmes. 10
2. Discuss briefly about the characteristics of Morphogenetic Regions as enumerated after L.C. Peltier. 10
3. Discuss the relationship between the pressure belts and the Planetary Wind System with a neat diagram. 10
4. Explain the evidences of change in the global climate. 10

**SECTION-II**

**Answer any five questions**

4×5 = 20

5. Discuss the relevance of studying Geography.
6. Explain the concept of "compensation level" as proposed by Airy.
7. Write a brief note on the evidence of sea-floor spreading.
8. Discuss about the geologic phenomenon occurring in the Carboniferous Period.
9. What do you mean by diagnostic landforms? Give examples.
10. When inverted reliefs are evolved out of a folded structure?
11. Write a short note on ENSO.
12. Mention the factors affecting insolation.
13. Discuss the Index cycle of Jet Stream.
14. Comment on the relationship between the Monsoons and the Upper air condition over the Tibetan Plateau.

**SECTION-III**

15. Answer any five questions:

2×5 = 10

- (a) What do you mean by conservative plate margins?
- (b) What is meant by Era and Epochs in Geological Time scale?
- (c) What is obduction?
- (d) What is meant by fault scarp and fault line scarp?
- (e) What do you mean by inversion of Temperature?
- (f) What do you mean by "burst of monsoon"?
- (g) What is ITCZ?
- (h) What do you mean by Ozone hole?
- (i) What is green house effect?
- (j) What is meant by Torrid Zone?