



**COOCH BEHAR PANCHANAN BARMA UNIVERSITY**  
B.A. Honours 1st Semester Examinations, 2023  
Under Backlog Syllabus



**GEOGRAPHY**

**GEOMORPHOLOGY**

**CORE-1**

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.  
Candidates are required to give their answers in their own words as far as practicable.  
All symbols are of usual significance.*

**SECTION-I**

**Answer any one question from the following**

15×1 = 15

1. Elucidate the Mountain Building Theory after A. Holmes. Explain the concept of Median Mass. 10+5
2. Differentiate between Weathering and Mass wasting. Explain the different processes of physical weathering with suitable sketches. 5+10
3. Give an account of the landform features that result out of glacial erosion. Illustrate your answer with relevant diagrams. What are ox-bow lakes? 12+3

**SECTION-II**

**Answer any one question from the following**

10×1 = 10

4. Explain the statement "Present is the key to the past" with proper examples. 10
5. Classify different types of faults with suitable sketches. 10
6. Discuss the evolution of drainage on an uniclinal structure. 10

**SECTION-III**

**Answer any one question from the following**

5×1 = 5

7. Why new crusts are found at the sites of mid oceanic ridges? 5
8. What are the physical conditions required for the manifestation of true Karst landforms? 5
9. How 'Geo' and 'Blow holes' are created? 5

SECTION-IV

10. Answer any *ten* questions from the following:

1×10 = 10

- (a) What is the other name for Laurasia?
- (b) What kind of drainage pattern develops over fold mountains?
- (c) What is the other name for corrosion?
- (d) Who developed the Dynamic Equilibrium theory?
- (e) What are Monadnocks?
- (f) Who used the term 'Primarumpf'?
- (g) Give an example of diagnostic landform.
- (h) Which discontinuity is found at the Mantle-Core boundary?
- (i) Whose concept of Isostasy is related to 'level of compensation'?
- (j) Give an example of a Rift Valley from India.
- (k) Which mountain is also known as mountains of accumulation?
- (l) What kind of land dislodgement occurs along a curvilinear plane?
- (m) What is the other name of Spalling?
- (n) Incised meanders are representative features of \_\_\_\_\_.
- (o) What type of erosion results in the formation of Stacks and Stumps?

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