



'समानो मन्त्रः समितिः समानी'

**UNIVERSITY OF NORTH BENGAL**

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

**GE2-P1-GEOGRAPHY (304)**

**PHYSICAL GEOGRAPHY**

**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) Big Bang
  - (b) Seismograph
  - (c) Divergent Plate boundary
  - (d) Metamorphism
  - (e) Dykes
  - (f) Solifluction
  - (g) Paternoster lake
  - (h) Barkhans.

**SECTION-II**

2. Answer any **three** questions from the following: 5×3 = 15
- (a) Briefly discuss the evidences in favour of A.Wegener's Continental Drift Theory. 5
  - (b) Discuss the characteristics of sedimentary rocks. 5
  - (c) Write down the various factors of Mass Wasting. 5
  - (d) Discuss any two erosional landforms developed by running water.  $2\frac{1}{2} + 2\frac{1}{2}$
  - (e) Describe the depositional features of wind. 5

**SECTION-III**

3. Answer any **two** questions from the following: 10×2 = 20
- (a) Discuss the Nebular Hypothesis regarding the origin of the earth. 10
  - (b) Explain the mechanism of 'Plate Tectonics' in connection with the formation of Fold mountain.
  - (c) Discuss the composition and structure of the earth's interior with suitable diagrams. 10
  - (d) Describe the different landforms produced by Mountain glacier with suitable diagrams. 10

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