



'সমানো মন্ত্র: সমিতি: সমানী'

**UNIVERSITY OF NORTH BENGAL**

B.A./B.Sc. Honours 1st Semester Examination, 2021

**GE1-P1-GEOGRAPHY**

**PHYSICAL GEOGRAPHY**

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.*

**SECTION- I**

1. Write short notes on any **five** from the following: 1×5 = 5
- (a) Mohorovicic discontinuity
  - (b) NIFE
  - (c) Richter scale
  - (d) Regional Metamorphism
  - (e) Oxidation
  - (f) P waves
  - (g) Inselberg
  - (h) Exfoliation.

**SECTION-II**

2. Answer any **three** questions from the following: 5×3 =15
- (a) Write a short note on Earthquake shadow zone. 5
  - (b) Discuss the different characteristics of sedimentary rocks. 5
  - (c) Discuss briefly the various processes of mechanical weathering. 5
  - (d) Briefly describe the different erosional features produced by action of river. 5
  - (e) Discuss briefly the evidences for the Continental Drift Theory. 5

**SECTION-III**

3. Answer any *two* questions from the following: 10×2 = 20
- (a) Define earth's crust and elaborately discuss the internal structure of the earth on the basis of seismic waves. 2+8
- (b) Briefly describe the Plate tectonic theory with suitable examples and diagrams. 10
- (c) What are the different types of rocks? Discuss in detail the various types of igneous rocks with suitable diagrams. 10
- (d) Discuss the different types of depositional features produced by wind with suitable examples. 10

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