



‘सामानो मन्त्रः समितिः समानी’

UNIVERSITY OF NORTH BENGAL
B.A./B.Sc. Major 1st Semester Examination, 2023

UGEOMAJ11001-GEOGRAPHY

GEOTECTONIC

Time Allotted: 2 Hours

Full Marks: 40

The figures in the margin indicate full marks.

SECTION-I

1. Define the following terms: 1×5 = 5
- (a) Moho discontinuity
 - (b) Median mass
 - (c) Graben
 - (d) Benioff zone
 - (e) Crater.

SECTION-II

Answer any *three* questions from the following 5×3 = 15

- 2. Differentiate between rocks and minerals. 5
- 3. Write a short note on Cenozoic era. 5
- 4. Write a short note on topographic effects of faulting. 5
- 5. Explain in short the concept of sea floor spreading as suggested by H. Hess. 5
- 6. Make a note on ‘Fiery ring of the pacific ocean’. 5

SECTION-III

Answer any *two* questions from the following 10×2 = 20

- 7. Explain the internal structure of the earth with the help of seismic waves. 10
- 8. Describe the Thermal convection current theory of Holmes in the context of mountain building. 10
- 9. Critically explain the Continental drift theory as proposed by Alfred Wegener. 10
- 10. Make a note on the classification of volcanoes with suitable examples. 10

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