



‘समानो मन्त्रः सभिः 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