



'সমানো মন্ত্র: সমিতি: সমানী'

UNIVERSITY OF NORTH BENGAL

B.A./B.Sc. Honours 1st Semester Examination, 2022

CC1-GEOGRAPHY

GEOTECTONIC

OLD SYLLABUS [For students with registration session 2018-2019 to 2020-2021]

Time Allotted: 2 Hours

Full Marks: 40

The figures in the margin indicate full marks.

SECTION-I

1. Answer any **five** questions from the following: 1×5 = 5
- (a) What is EON?
 - (b) Define Gutenberg discontinuity.
 - (c) What is Level of Compensation?
 - (d) What is 'L' wave?
 - (e) What is Nappe?
 - (f) Define Fault line scarp.
 - (g) What is Dendritic Drainage Pattern?
 - (h) Define Median Mass.

SECTION-II

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

- 2. Mention the characteristics of flora and fauna during Carboniferous period.
- 3. Differentiate between Mantle and Core.
- 4. Attempt a comparison between Airy and Pratt's concepts on isostasy.
- 5. Write briefly on the major components of fold.
- 6. Make a comparison between Orogenic and Epeirogenic movements.

SECTION-III

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

- 7. Discuss the interior structure of the Earth with the help of seismic evidences. 10
- 8. Critically discuss the concept of plate-tectonics. 10
- 9. Explain the development of drainage pattern on folded structure. 10
- 10. Describe the mountain building theory proposed by Kober. 10

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