



'সমানো মন্ত্র: সমিতি: সমানী'

UNIVERSITY OF NORTH BENGAL

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

CC1-GEOGRAPHY

GEOTECTONIC

Time Allotted: 2 Hours

Full Marks: 40

The figures in the margin indicate full marks.

SECTION- I

1. Define any *five* the following terms: 1×5 = 5
- | | |
|------------------------------|---|
| (a) Carboniferous period | 1 |
| (b) Mohorovicic | 1 |
| (c) Geothermal Gradient | 1 |
| (d) Orogenic Movement | 1 |
| (e) Triple junction | 1 |
| (f) Compensation level | 1 |
| (g) Destructive Plate Margin | 1 |
| (h) Jig-saw-fit. | 1 |

SECTION- II

2. Answer any *three* questions from the following: 5×3 = 15
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|---|---|
| (a) Write a short note on Mesozoic era. | 5 |
| (b) Write a short note on the major characters of mantle and core. | 5 |
| (c) Briefly write on the theory of Isostasy as proposed by Airy with suitable diagrams. | 5 |
| (d) Write on the evidences of continental drifting in brief. | 5 |
| (e) Mention the different Lithospheric major and minor plates of the earth. | 5 |

SECTION- III

3. Answer any *two* questions from the following: 10×2 = 20
- (a) Briefly explain the interior structure of the earth based on the patterns of seismic waves. 10
- (b) Discuss the theory of mountain building as proposed by Kober with suitable diagrams. 10
- (c) Write on the Continental Drift theory as proposed by A. Wegener. 10
- (d) Define plate and explain the theory of Plate Tectonics. 3+7=10

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