

2021
GEOGRAPHY (Honours)
Second Paper (I-B)
B.A. Part-I (Theory)

Full Marks: 50

Time: Two Hours

Geotectonic

Paper I-B / Module 1
Section I (Descriptive)

The figures in the margin indicate full marks.

Answer any *one* questions.

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| 30 Marks | | 10×1=10 |
| 1. | Discuss shortly about the Big Bang Theory. Shortly explain the Mesozoic era under the frame of <i>Geological Time Scale</i> . | 5+5=10 |
| 2. | Discuss the 'plate tectonic theory' with suitable example and illustrations. Explain the merits and demerits of 'plate tectonic theory'. | 7+3=10 |

Section II (Descriptive)

Answer any *four* questions.

5×4=20

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| | 3. Briefly discuss the concept of Sea-floor Spreading. | 5 |
| 4. | Shortly discuss the criticism on 'continental drift theory' based on modern research. | 5 |
| 5. | Distinguish between the views of Airy and Pratt, on the theories of 'Isostasy'. | 5 |
| 6. | Write a short note on Jig-saw-fit. | 5 |
| 7. | Classify the folds in sedimentary rocks, based on origin and shape. | 5 |
| 8. | Write down the merits and demerits of Mountain building theories in the light of Himalayan Mountain System. | 5 |
| 9. | Shortly narrate the Supernova theory. | 5 |

Oceanography

Paper I-B / Module 2

Section I (Descriptive)

The figures in the margin indicate full marks.

Answer any **one** questions.

20 Marks **10×1=10**

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| 10. Discuss in details about the resource potentials and significance of ocean deposits, in the context of modern age. | 10 |
| 11. Write down the ocean currents of the Indian ocean with suitable diagrams. | 7+3=10 |

Section II (Descriptive)

Answer any **two** questions.

5×2=10

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| 12. Write a short note on <i>coral reefs</i> . | 5 |
| 13. Shortly discuss about the classification of marine deposits. | 5 |
| 14. Discuss the about the 'trenches' distributed over Pacific, Atlantic and Indian oceans. | 5 |
| 15. Write a short note on <i>atolls</i> . | 5 |
