

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

Full Marks: 50

Time: Two Hours

Geomorphology

Paper I-C / Module 3
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 about the ten fundamental concepts of geomorphology. | 10 |
| 2. | Discuss in details, with suitable equations and examples, about the 'chemical weathering'. Distinguish between <i>weathering</i> and <i>erosion</i> . | 6+4=10 |

Section II (Descriptive)

Answer any *four* questions.

5×4=20

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| | 3. Briefly discuss any five major erosional landforms made by glacier. | 5 |
| 4. | Shortly discuss the depositional works of winds with special reference to <i>sand dunes</i> in hot arid climatic region. | 5 |
| 5. | Distinguish between the views of Davis and Penck, on the theories of 'cycle of erosion'. | 5 |
| 6. | Write a short note on criticism of Hack's <i>Dynamic Equilibrium Theory</i> . | 5 |
| 7. | Briefly discuss about the <i>river meander</i> and <i>river island</i> . | 2.5+2.5=5 |
| 8. | Discuss shortly about the <i>left bank erosion of Ganga</i> in Malda district. | 5 |
| 9. | Shortly narrate the erosional works of river in mountain region. | 5 |

Hydrology

Paper I-C / Module 4

Section I (Descriptive)

The figures in the margin indicate full marks.

Answer any **one** questions.

20 Marks

10×1=10

10. Discuss in details about the hydrological cycle on earth's environment. 5+5=10
Classify the modes of occurrence of water on earth.
11. Define runoff. Write down in details about the factors affecting runoff. 3+7=10

Section II (Descriptive)

Answer any **two** questions.

5×2=10

12. What do know about 'elongation ratio'?. 5
13. Shortly discuss about the *hypsometric curve*. 5
14. Discuss shortly the about the importance of conservation of water resource, under the present world's situation. 5
15. Write a short note on *rain water harvesting*. 5
