



বিদ্যাসাগর বিশ্ববিদ্যালয়

VIDYASAGAR UNIVERSITY

B.Sc. Honours Examination 2021

(CBCS)

1st Semester

GEOGRAPHY

PAPER—C1T

GEOTECTONICS AND GEOMORPHOLOGY

Full Marks : 60

Time : 3 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Group - A

Answer any *four* questions.

4×12

1. Distinguish between the concepts of Airy and Pratt regarding Isostasy. 12
2. Briefly describe different types of faults with suitable sketches. 12
3. Explain the mechanism of formation of folded mountain along convergent plate boundary. 12

4. Briefly describe different processes of mechanical weathering. 12
5. Explain the mechanism of evolution of landforms on uniclinal structure. 12
6. Make a comparative study between the concepts of evolution of landforms as proposed by Davis and Penck. 12
7. Elucidate the erosional landforms developed in coastal region. 12
8. Discuss different types of landforms developed due to aeolian deposition. 12

Group - B

Answer any *six* questions. 6×2

9. Distinguish Era from Epoch.
10. Define inverted topography.
11. What is tripple junction? Give example.
12. Define hanging valley.
13. Distinguish between Yardang and Zeugen.
14. Define Weinert precipitation Ration.
15. Distinguish between solifluction and mudflow.
16. What is cordillera type of mountain?
17. What is entropy maximization?
18. Differentiate bergschrund from crevasses.