

2018

GEOGRAPHY

[Honours]

PAPER – I

Full Marks : 90

Time : 4 hours

The figures in the right hand margin indicate marks

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

Illustrate the answers wherever necessary

GROUP – A

Answer any five questions : 10 × 5

UNIT – I

- 1. Explain the comparative views between Model of Pratt and Airy on the Theory of Isostasy.**

(Turn Over)

(2)

Or

Classify the sedimentary Rocks on the basis of origin by mechanical process.

UNIT – II

2. Discuss the origin of younger-folded mountain in the light of plate tectonics with suitable example.

Or

Explain the Mechanism of Tsunami. Point out the Non-structural management methods for reduction of Tsunami impacts.

UNIT – III

3. Discuss the Dynamic Equilibrium Theory on the basis of Non-cyclic concept of Erosion after J. T. Hack.

Or

Briefly illustrate the landform on the uniclinal structure.

(3)

UNIT – IV

4. Describe the landforms developed in the different stages of Glacial cycle of Erosion.

Or

Briefly illustrate the Depositional landforms in the different river system.

UNIT – V

5. Explain the causes of Tides with the help of existing theories.

Or

Classify the Ocean Sediments on this basis of origin.

GROUP – B

Answer any five questions : 4 × 5

UNIT – I

(4)

6. Explain the significance of Geological time scale to study in Geography.

Or

Mentions the importance and application of Rocks in structure and process.

UNIT – II

7. Mention and explain the Evidences of seafloor spreading.

Or

Distinguish between Normal faults and Reverse faults.

UNIT – III

8. Write down the significance of Spatial and Temporal scales in the study of Geomorphology.

Or

What are causes of land slide in the area of Himalayan foothills during Monsoon ?

(5)

UNIT – IV

9. Explain the causes of Rejuvenation of Rivers.

Or

Discuss the mechanism of Coastal Sand-Dunes.

UNIT – V

10. Mention the Landforms resulted from Fluvio-Aeolian process.

Or

What are the controlling factors of evaporation and transpiration.

GROUP – C

Answer any ten questions : 2×10

11. Explain the Modern nebula Hypothesis.

12. What is the Economic importance of Sand mining ?
13. What do you mean by Moho discontinuity ?
14. What is Focus of the earthquake ?
15. Mention the significance of Jig-Saw-Fit.
16. Define 'Recumbent fold'.
17. Mention the characteristics of Geosyncline.
18. What is the impact of Destructive events of Tsunami ?
19. What is 'Carbonation' ?
20. Define 'Soil Creep'.
21. What is 'Hogback' ?
22. What is 'Inversion of Relief' ?

(7)

23. Write the formation of 'Delta'.

24. What is Bolson ?

25. Define 'aquifer'.
