

2020
PART-I
GEOGRAPHY HONOURS
FIRST PAPER
MODULE- I, II
(Geotectonics and Geomorphology, Hydrology and Oceanography)
Full Marks: 50

Category-A

Answer any three questions (each within 600 words) 10x3=30

1. Discuss the landforms developed in an ideal Karst region with suitable sketches.
2. Critically examine the concept of 'Normal Cycle Erosion' as proposed by W.M. Davis.
3. Explain the different phases of the Global hydrological cycle.
4. Explain the formation the formation of ocean floor fracture zones according to Plate Tectonics.
5. Examine critically the concept of Isostasy as put forward by Airy and Pratt.

Category-B

Answer any five questions (each within 150 words) 5x4=20

6. Distinguish between fault scarp and faultline scarp.
7. What is meant by the 'Principle of Uniformitarianism'?
8. Difference between Hydration and Hydrolysis.
9. Explain the formation of Mid-Atlantic Ridge.
10. Explain the difference between porosity and permeability.
11. Discuss the favourable condition for development of coral reef.
12. What do you understand by convergence and divergence plate margin?
13. Discuss briefly the chemical properties of ground water.