

P - I (1+1+1) H / 20 (N)

2020

GEOGRAPHY (Honours)

Paper : I-C

[New Syllabus]

Full Marks : 50

Time : Two Hours

The figures in the margin indicate full marks.

GEOMORPHOLOGY

Section - I

Answer any *one* question.

10×1=10

1. What is weathering ? What are the landforms formed due to physical weathering process ? Elaborate your answer with suitable sketches. 2+8=10
2. What is normal cycle of erosion ? Describe the process of normal cycle of erosion as proposed by W.M Davis. What is interruption in cycle of erosion ? 2+5+3=10

Section - II

Answer any *four* questions.

5×4=20

3. What are the different agents and mechanism of physical weathering ? 5
4. What is base level of erosion? What are the different types of base levels of erosion ? 5
5. Explain any one fundamental concept of geomorphology. 5
6. What are the man-made factors responsible for landslide in Darjeeling Himalayan region ? 5

7. What are the landforms associated with folded structure ? 5
8. What are the landforms associated with fluvio-glacial erosion process ? 5
9. Define mass wasting. How mass wasting relates with weathering process ?
3+2=5
10. What is the difference between disaster and hazard? Explain with examples. 5

HYDROLOGY

Section - III

Answer any *one* question. 10×1=10

11. What is hydrological cycle? Describe different stages of hydrological cycle with suitable diagram. 2+8=10
12. What are the conventional methods for rain water harvesting ? What is the importance of rain water harvesting ? What is hydrograph ? 5+3+2=10

Section - IV

Answer any *two* questions. 5×2=10

13. What are the different forms of subsurface aquifer ? 5
14. What are the factors affecting surface runoff ? 5
15. Discuss the global water budget. 5
16. What is hypsometric curve ? What is the different type of hypsometric curves ?
2+3=5
