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( February )

GEOGRAPHY

( Elective/Honours )

( **Physical Geography** )

Marks : 56

Time : 3 hours

*The figures in the margin indicate full marks for the questions*

Answer **five** questions, selecting **one** from each Unit

UNIT—I

1. Discuss the nature and scope of physical geography. 6+6=12
2. What is plate tectonics? With the help of a diagram, describe the fundamental differences among divergent, convergent and transform plate boundaries with examples. 3+3+6=12

UNIT—II

3. Explain, with the help of a diagram, the heat budget and heat balance of the earth. 2+9=11

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( Turn Over )

4. What are fronts? Describe in brief the general frontal characteristics and discuss in detail the different types of fronts and their characteristics. 2+3+6=11

UNIT—III

5. With the help of a diagram, give an account on the relief of the Pacific Ocean floor. 2+9=11
6. What are coral reefs? With the help of a diagram, discuss the classification of coral reefs on the basis of their nature and mode of occurrence. 2+3+3+3=11

UNIT—IV

7. What is biogeography? Discuss in detail the global distribution of plants. 2+9=11
8. Discuss the concept of biodiversity. Explain the various factors that cause biodiversity loss. 5+6=11

UNIT—V

9. Discuss the concept of soil as a resource and describe the zonal classification of soil. 5+6=11
10. With the help of a diagram, explain the process of hydrological cycle. 4+7=11

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