

GEOGRAPHY

FIRST PAPER

Full Marks : 200

Time : 3 hours

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

1. Distinguish between weather and climate.
Explain the characteristics of monsoon
climate. 7+8=15

2. What is exogenic process? Discuss the
concept of cycle of evolution of landforms in
arid region. 5+10=15

3. Taking examples of landforms from the
Brahmaputra Valley, Assam; describe the
erosional and depositional features created
by running water. 8+7=15

4. Describe the bottom relief features of the
Indian Ocean with suitable diagram. 12+3=15

5. Describe the major soil forming processes. Give a division of the soils of India as propounded by the Indian Council of Agricultural Research (ICAR). 7+8=15

6. Write explanatory notes on any five of the following : 5×5=25

(a) Ozone layer

(b) Jet stream

(c) Neelam

(d) Biosphere as an ecosystem

(e) Intensive agriculture

(f) Geosyncline

(g) Areal differentiation

7. What are various sources of power? Discuss the prospect of power resources in Assam.

5+10=15

8. Explain the significance of cultural integration for proper socio-economic development of North-East India. 15

9. Discuss the scope of economic geography. How economic geography is related to human geography? 8+7=15

10. Describe different types of marine resources and their economic importance. 15
11. Distinguish between environmental degradation and pollution. How human-induced activities have polluted the environment? 8+7=15
12. Write short notes on any five of the following : 5×5=25
- (a) Hydrological cycle
 - (b) Environment development conflict
 - (c) Dichotomy in geography
 - (d) Postmodern geography
 - (e) Transhumance
 - (f) Watershed management
 - (g) Zaid crop with special reference to Assam
