

Total No. Printed Pages -3

RP-IX-XII-31  
2011

GEOGRAPHY

FIRST PAPER

Full Marks : 200

Time : 3 hours

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

1. Explain the internal structure of the earth with special reference to the earthquake.

10+5=15

2. Distinguish between weathering and erosion. Explain the different processes of chemical weathering. Cite example from Assam.

5+5+5=15

3. ~~"Landscape is a function of structure, process and stage."~~ Explain the statement. 15

4. Write explanatory notes on (any three) : 5×3=15

- (a) Stalactite and stalagmite  
(b) Monadnocks  
(c) Ox-bow lake  
(d) Pediplain  
(e) River island and charland

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( Turn Over )

5. Distinguish between weather and climate. Explain the factors influencing the climate of North-East India. 5+10=15
6. Explain the different factors responsible for the origin and movement of ocean currents. Briefly discuss the ocean currents of Indian Ocean. 5+10=15
7. What do you mean by coral reef? Explain the factors responsible for the formation of atoll reef. 5+10=15
8. Write short notes on (any three) : 5×3=15
- (a) Inversion of temperature
  - (b) El nino
  - (c) Tropical cyclone and tornado
  - (d) Hypsometric curve
  - (e) Ocean deposit
9. Explain the traditional and modern trend of human responses to climate change. Briefly discuss some major impacts of man on environment in North-East India. 10+5=15
10. What are the primary sources of power in North-East India? Discuss the problems and prospects of big dams for generation of hydroelectricity in the region. 5+10=15

11. Write explanatory notes on (any three) :

5×3=15

- (a) Plant regions of the world
- (b) Human interference on natural environment
- (c) Biosphere
- (d) Conservation of environment
- (e) Biodiversity hotspot

12. Distinguish between weathering and soil formation. Explain the factors which are responsible for the development of soil.

5+10=15

13. Write on any four of the following :

5×4=20

- (a) Humanism and possibilism in geography
- (b) Concept of conservation of resources
- (c) Frontier and boundary
- (d) Behavioural approach in geography
- (e) Latifundia type of settlement

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