

# West Bengal Civil Service Examination (Main), 2006 (Optional Papers)

## GEOGRAPHY

### Paper I

Time Allowed-3 Hours

Full Marks-100

#### Group - A

Answer *any three* questions

1. Explain the various processes which cause Eolian erosion. Describe the land forms produced by Eolian erosion and deposition. 4+8+8
2. Define salinity. What are the difficulties in determination of salinity? Explain the methods for the determination of salinity of ocean water. Indicate the relationship between salinity and E-P in different oceans. 2+4+6+8
3. Mention the genesis of soil formation. Name the major soil horizons. Classify soils as adopted by US Department of Agriculture and explain their characteristics. 4+4+12
4. Explain the various sources of atmospheric pollutants. Describe their effects.
5. Write short notes on any two of the following :
  - (a) El Nino.
  - (b) Topographic maps in the study of geomorphology.
  - (c) Drainage patterns and their characteristics.

#### Group-B

Answer *any two* questions.

6. What are the components of culture? Explain the terms cultural landscape, cultural hearths, cultural diffusion, cultural ecology and cultural region. 5+15

7. What do you mean by globalization? Analyze the major dimensions of globalization. 5+15
8. Define environmental regions. Explain the salient features of the regions in respect of their climate, soil and vegetation. 5+15
9. Write short notes on any two of the following :
- (a) Central Place Theory of Christaller.
  - (b) Quantitative Revolution in Geography.
  - (c) Demographic Transition Theory. 10+10=20

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