

**SYLLABUS FOR PRELIMINARY EXAMINATION FOR RECRUITMENT TO THE  
POST OF ASSISTANT MASTER / MISTRESS IN GEOGRAPHY**

**Full Marks : 100**

**Time : 1 Hour 30 Minutes**

**S E C T I O N - I**

**A. PHYSICAL GEOGRAPHY**

1. Origin of Continents and Ocean Basins; Continental Drifts and Plate Tectonics; Epirogenic and Orogenic movements; Different kinds of Landforms and their origin; Volcanoes and Volcanic features; Earthquakes.
2. Earth's Crust - general properties; Modes and origin of igneous, sedimentary and metamorphic rocks.
3. Weathering and Mass wasting.
4. Evolution of Landforms under different Cycles of Erosion - fluvial, glacial, Aeolian, marine and karst; Evolution of drainage system and its adjustment to structure.
5. Elements and factors of climate; Distribution of temperature and pressure belts over the Earth.
6. Airmass, Planetary Winds and Local Winds.
7. Precipitation - origin and types; Cyclones and Anti-Cyclones.
8. Classification of World Climates.

**B. ENVIRONMENTAL GEOGRAPHY**

9. Concepts of Environment, Ecology and Ecosystem; Natural and Man-made Ecosystems; Concepts of Bio-Diversity; Environmental Pollution, Degradation and Conservation; greenhouse effects and global Warming; Man-Environment relationships.

**S E C T I O N - II**

**C. ECONOMIC GEOGRAPHY**

10. Geographical factors favourable for the localization of the following major economic activities :
  - a) Lumbering,
  - b) Agriculture (Intensive Subsistence farming, Extensive Commercial farming and Plantation agriculture),
  - c) Fishing,
  - d) Mining (Coal, Petroleum and Iron ore - their distribution and utilization),
  - e) Power resources (conventional and Non-conventional),
  - f) Manufacturing (Iron & Steel, Aluminium, Cotton Textile and Jute industries).

**D. HUMAN GEOGRAPHY**

11. Concepts of Geographical Environment, Natural Regions of the Earth; - their characteristics; Role of Climate, Drainage and Relief in localizing human activities with particular reference to food gathering, pastoralism and subsistence agriculture.
12. Settlement Patters - Rural and Urban; Hierarchy of Urban Settlements; Growth and distribution of World Population.

**E. GEOGRAPHY OF INDIA**

13. Structure, Relief, Drainage, Climate, Soils and Natural Vegetation.
  14. Irrigation and River Valley Projects; Agriculture and Green Revolution.
  15. Mineral Resources and industrial Regions.
  16. Population - growth and distribution, age-sex composition, migration, urbanization and regional disparities.
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