



SYLLABUS FOR PRELIMINARY EXAMINATION FOR RECRUITMENT TO THE

POST OF ASSISTANT MASTER / MISTRESS IN GEOGRAPHY

Full Marks : 100

Time : 1 Hour 30 Minutes

SECTION - 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.

SECTION - II

C. ECONOMIC GEOGRAPHY

10. Geographical factors favourable for the localization of the following major economic activities :
 - a) Lumbering,

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- 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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