

65. GEOGRAPHY

Part - A (40 Marks)

1. **Human and Economic Geography:** Nature and scope of Human Geography, Population distribution and growth; human settlements, urbanization, migration; rural geography; spatial structure and temporal trends of economic activity; Races of the world their physical and socio-economic characteristics, Agriculture. Urban and Rural settlements.
2. **Regional Geography of India with special reference to Telangana.** a) Physiography, Climate, vegetation, Soils & Drainage. b) Agriculture – Types of Agriculture, Food Crops, Commercial crops – Distribution & Production patterns, Irrigation –Type of irrigation, Projects – Multipurpose Projects. c) Minerals – Type, Distribution and Production d) Industries – Types, Locational factors, Major Industries and distribution. Transport, Trade – National & International.
3. **Mapping Techniques:** Types of maps, Scales, Projections, Graphs, Quantitative techniques for central tendency measurements. Techniques of field Surveying; a) Plane table b) Prismatic Compass c) Chain Survey.

Part- B (60 Marks)

1. **Elements & Principles of Physical Geography :** Lithosphere: A) Earth & Solar Systems, Rocks, Interior of the earth, Earth movements Volcanoes & Earth quakes Isostasy continental Drift, Cycle of Erosion, landforms made by River, Glacier, Wind, Underground water. B) Atmosphere: Structure & Composition of atmosphere Insolation, Horizontal & vertical Distribution of Temperature Pressure Belts, Planetary winds, Air masses, clouds and Precipitation, Cyclones & Anti-cyclones, Koppen's climatic classification, climatic changes. C) Hydrosphere: Oceans, Submarine relief of oceans, properties of ocean water - Temperature & salinity, Ocean currents, Tides, Ocean Deposits.
2. **Economic Geography:** Man- Environment relations, Primary, Secondary & Tertiary activities., Resource - Types & Distribution, Conservation of Resources.