

82. PG DIPLOMA IN GEOGRAPHICAL CARTOGRAPHY

Part – A (40 Marks)

Regional Geography of India and Telangana: Physiography; Climate; Soils; Vegetation; Population; Resource. Techniques of Mapping and Map Analysis, a) Scales, b) Projections; c) Mapping tools; d) Types of Maps; e) Methods of Mapping; f) Surveying and Types; Remote Sensing and GIS.

Part – B (60 Marks)

Principles of Physical Geography, a) Crust of the Earth; b) Weathering; c) Rocks - Types; d) Earth Movements; e) Land forms - Fluvial, Glacial, Karst Aeolian; f) Structure & Composition of Atmosphere; g) Insolation and Temperature Distribution; h) Pressure Cells and Planetary winds; i) Mechanism of Monsoon; j) Precipitation - Types; k) Climate Regionalization; l) Oceanic Relief; m) Physical Properties of Oceanic Water; n) Movements of Ocean water; o) Ocean deposits.

Social & Economic Geography: a) Population - Growth, Distribution; b) Migration - patterns; c) Settlements - Urban & Rural; d) Resources -Types & Distribution; e) Agriculture – Typology, Production & Distribution of major crops; f) Mineral distribution - Industrial regions; g) Transportation - Economic growth.