

Telangana State Board of Intermediate Education
Intermediate Second Year
Geography
Syllabus (w.e.f. 2020-21)

Part - A

Unit 1: Human Geography

Meaning, Nature, scope and relevance of Human Geography ; Man - Environment relationships ;
Branches of Human Geography - their general characteristics ;

Unit 2 : World Population

Distribution, density of population, Growth of population in the world.

Composition of population : Age and Sex.

Factors affecting / influencing distribution of population,

Migration : Internal and international; Causes and consequences

Human Development : concepts, Indicators and world patterns

Unit 3 : Economic Geography

Economic Geography : Definition, Scope and Significance ;

Sectors of Economic activity : Concepts, changing trends.

Primary Activities : Concepts, changing trends.

Food gathering, pastoral, mining and subsistence agriculture.

Modern agriculture, people engaged in agricultural and allied activities.

Fisheries - factors and important fishing grounds ;

agriculture regions of the world.

Secondary Activities : Concepts. Manufacturing industries : Locational factors, types - distribution and production - Agro based : Textile (cotton), forest based (paper), Mineral based (Iron and steel) : Petro - chemical.

Small scale manufacturing industries : locational factors, distribution and production.

People engaged in secondary activities examples

Tertiary Economic activities : Concepts, Trade, Transport and tourism ; services, people engaged in the tertiary activities with some examples

Quaternry Economic activities : Concepts, people engaged in the quaternary with some examples.

Unit 4 : World Transport and Trade

Relative significance of different means of transport - Land transport, Railways - trans continental railways, Air ways and Water ways.

Factors affecting land, water and air transport ;

World oceanic routes ; important inland waterways and important canals ;

International trade - Impact of globalization and economic development.

Role of WTO in International trade (World Trade Organization)

Unit 5 : Environment and Resources

Resources : Definition, Classification - Resource depletion

Environment : Meaning, definition and components ;

Environmental conservation and management ; sustainable development.

Unit 6 : Human Settlements

Settlement types - rural and urban ; urbanization trends and consequences

Part - B : Geography of India

Unit 7 : Physiography

Locational characteristics ; Physical setting ; Physiographic divisions; Geology, Drainage system : The Himalayan and Peninsular System

Unit 8 : Climate

Origin of monsoon, climatic regions in India ; distribution of temperature and rainfall

Soils : Types and distribution, characteristics ; Soil degradation and conservation

Vegetation : Types and distribution Wild life conservation, Biosphere reserves

Unit 9 : Population

Population : Size, Growth, Distribution and Density from 1901-2011 ; demographic characteristics : literacy, sex ratio ; regional variations in population growth,

Trends of Urbanization, population problems.

Migration : International, National, causes and consequences.

Human Development : Introduction and Regional Pattern

Unit 10 : Resources

Mineral and Energy Resource Base : distribution and production Minerals - Iron ore, Manganese and Bauxite ;

Power resources - Coal, Petroleum and natural gas, hydroelectric power ; Non - conventional sources of energy (Solar, Wind and Biogas), Conservation of Resources.

Unit 11 : Land Resources

Agriculture : General Land Use, Land Use Classification Distribution and production of Major Crops - wheat, rice, sugarcane, cotton, castor and ground nut, Coffee and tea - their distribution, production and trade ;

Impacts of Green revolution on Indian agriculture ;

Problems of Indian agriculture. Land Degradation

Unit 12 : Water Resources

Irrigation and Power : Types of Irrigation, Wells, canals and tanks ; Major multipurpose projects : Bakra Nangal, Nagarjuna Sagar, Narmada and Damodar Valley Corporation.

Rain Water Harvesting and Watershed Management.

Unit 13 : Industries

Location factors, growth, distribution and trade

Iron and Steel, Petro Chemicals, Pharmaceuticals and Knowledge based industries (IT), Globalization and Economic Development, SEZs

Unit 14 : Transport and Trade

Means of transport ; roadways, railways, airways and water ways, Major ports of India's International trade.

Part C - Telangana

Unit 15 : Telangana

Administrative regions ; physiography, Geology, Drainage :

Unit 16 : Climate

Distribution of climate, temperature and rainfall.

Soils : Types and distribution, characteristics ; Soil degradation and conservation

Vegetation : Types and distribution

Unit 17 : Population

Size, Growth, Distribution and Density from 1961-2011 ; demographic characteristics : literacy, sex ratio ; Rural and Urban populations.

Second Year Practical Syllabus Representation of Data

- 1. Diagrammatic Representation of Geographical Data:** Types and their uses ;
One - Dimensional : Line diagram, bar diagrams - simple bar, compound bar, multiple bar diagram ; pyramid diagram - age - sex pyramid.
Two - dimensional : Square and Rectangular diagrams, Pie diagram ;
Three- Dimensional : Cube and Sphere diagrams.
- 2. Distribution maps :** Dot, Isoleth maps - uses, merits and demerits, Choropleth, Chorochromatic and choroschematic methods and their characteristics, Isotherm, Isobars and Isohyets.
- 3. Sources and Data :** Tabulation and Classification of Data ; Frequency Distribution, Histogram, Frequency Polygon and Ogive Curve.
- 4. Measures of Central Tendency :** Mean Median and Mode. Measures of dispersion : Range, Quartiles, Mean Diviation and Standard Deviation, relative measure of dispersion.
- 5. Introduction to GIS :** Introduction Geographical Information System (GIS) and Global Positioning System (GPS).