

**Class – XII**  
**REVISED SYLLABUS**  
**(For the Session of 2020-21 Only)**  
**Geography**  
**(THEORY)**

**A. Fundamentals of Human Geography**

**Unit 1: Human Geography: Nature and Scope**

**Unit 2: People**

- Population — distribution, density and growth
- Population change-spatial patterns and structure; determinants of population change;
- Age-sex ratio; rural-urban composition;
- Human development - concept; selected indicators, international comparisons

**Unit 3: Human Activities**

- Primary activities - concept and changing trends; gathering, pastoral, mining, subsistence agriculture, modern agriculture; people engaged in agricultural and allied activities – some examples from selected countries.
- Tertiary activities-concept; trade, transport and communication; services; people engaged in tertiary activities - some examples from selected countries
- Quaternary activities-concept; knowledge based industries; people engaged in quaternary activities - some examples from selected countries

**Unit 5: Human Settlements**

- Settlement types - rural and urban; morphology of cities (case study); distribution of mega cities; problems of human settlements in developing countries.

**Unit 6: Map Work on identification of features based on above units on the outline Political map of World.**

**Part B. India: People and Economy**

**Unit 7: People**

- Population : distribution, density and growth; composition of population - linguistic, religious; sex, rural-urban and occupational– population change through time and regional variations;
- Migration: international, national-causes and consequences;
- Human development: selected indicators and regional patterns;
- Population, environment and development.

**Unit 8: Human Settlements**

- Rural settlements - types and distribution;
- Urban settlements - types, distribution and functional classification.

## **Unit 9: Resources and Development**

- Water resources-availability and utilization-irrigation, domestic, industrial and other uses; scarcity of water and conservation methods-rain water harvesting and watershed management (one case study related with participatory watershed management to be introduced).
- Mineral and energy resources: distribution of metallic (Ironore, Copper, Bauxite, Manganese) non-metallic (Mica, Salt) minerals; conventional (Coal, Petroleum, Natural gas and Hydro electricity) and non-conventional energy sources (solar, wind, biogas).
- Planning in India- target area planning (case study); idea of sustainable development (case study)

## **Unit 11: Geographical Perspective on Selected Issues and Problems (One case study to be introduced for each topic)**

- Environmental pollution; urban-waste disposal.
- Urbanisation rural-urban migration; problem of slum.
- Land Degradation.

## **Unit 12: Map work on locating and labelling of features based on above units on outline political map of India**

### **C. Practical Work**

#### **Unit I : Processing of Data and Thematic Mapping**

- Sources of data.
- Tabulating and processing of data; calculation of averages, measures of central tendency, deviation and rank correlation;
- Representation of data- construction of diagrams: bars, circles and flowchart; thematic maps; construction of dot; choropleth and isopleth maps.
- Use of computers in data processing and mapping.

#### **Unit II : Survey (Chain Table Survey and Plane Table Survey)**

#### **Unit III: Field Study or Spatial Information Technology**

Field visit and study: map orientation, observation and preparation of sketch; survey on any one of the local concerns; pollution, ground water changes, land use and land-use changes, poverty, energy issues, soil degradation, impact of floods and drought, catchment area of school, Market survey and Household survey (any one topic of local concern may be taken up for the study; observation and questionnaire survey may be adopted for the data collection; collected data may be tabulated and analysed with diagrams and maps).

OR

#### **Spatial Information Technology**

Introduction to GIS; hardware requirements and software modules; data formats; raster and vector data, data input, editing & topology building; data analysis; overlay & buffer

