



CBSE Syllabus

Class XII

GEOGRAPHY



tutorialspoint

SIMPLY EASY LEARNING

www.tutorialspoint.com



<https://www.facebook.com/tutorialspointindia>



<https://twitter.com/tutorialspoint>

GEOGRAPHY

Course Structure

Parts/Units	Topics	Marks
Part A	Fundamentals of Human Geography	35
Unit 1	Human Geography	30
Unit 2	People	
Unit 3	Human Activities	
Unit 4	Transport, Communication & Trade	
Unit 5	Human settlements	
	Map Work	5
Part B	India: People and Economy	35
Unit 6	People	30
Unit 7	Human settlements	
Unit 8	Resources and Development	
Unit 9	Transport, Communication and International Trade	
Unit 10	Geographical Perspective on selected issues & problems	
	Map Work	5
Part C	Practical Work	30
Unit 1	Processing of Data and Thematic Mapping	15
Unit 2	Field study of Spatial Information Technology	10
Unit 3	Practical Record Book and Viva Voce	5
Total (Part A + Part B + Part C)		100

Course Syllabus

Part A. Fundamentals of Human Geography

Unit 1: Human Geography

- Nature
- Scope

Unit 2: People

- Population:
 - Distribution
 - Density
 - 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
- Secondary activities-concept:
 - Manufacturing:
 - Types – household
 - Small scale
 - Large scale
 - Agro based industries
 - Mineral based industries
 - People engaged in secondary activities - some examples from selected countries
- Tertiary activities-concept:
 - Trade
 - Transport and tourism
 - Services
 - People engaged in tertiary activities - some examples from selected countries
- Quaternary activities – concept:
 - people engaged in quaternary activities - case study from selected countries

Unit 4: Transport, Communication & Trade

- Land transport:
 - Roads
 - Railways
 - Trans-continental railways
- Water transport:
 - Inland waterways

- Major ocean routes
- Air transport:
 - Intercontinental air routes
- Oil and gas pipelines
- Satellite communication and cyber space:
 - Importance and usage for geographical information
 - use of GPS
- International Trade-Bases and changing patterns:
 - Ports as gateways of international trade
 - Role of WTO in international trade
- Ocean:
 - National rights and international treaties

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

Map Work

Map Work on identification of features based on 1-5 units on the outline/Physical/Political map of World.

B. India: People and Economy

Unit 6: People

- Population:
 - Distribution
 - Density
 - Growth
- Composition of population:
 - Linguistic
 - Religious
 - Sex
 - Rural-urban
 - Occupational-regional variations in growth of population
- Migration:
 - International
 - National
 - Causes and consequences
- Human development:
 - Selected indicators and regional patterns
- Population, environment and development

Unit 7: Human Settlements

- Rural settlements:
 - Types
 - Distribution
- Urban settlements:
 - Types
 - Distribution
 - Functional classification

Unit 8: Resources and Development

- Land resources:
 - General land use
 - Agricultural land use
 - Geographical conditions and distribution of major crops:
 - Wheat
 - Rice
 - Tea
 - Coffee
 - Cotton
 - Jute
 - Sugarcane
 - Rubber
 - Agricultural development and problems
- Water resources:
 - Availability and utilization-irrigation
 - Domestic
 - Industrial and other uses
 - Scarcity of water
 - Conservation methods:
 - Rain water harvesting
 - Watershed management
- Mineral and energy resources:
 - Distribution of metallic:
 - Iron ore
 - Copper
 - Bauxite
 - Manganese
 - Distribution of non-metallic:
 - Mica
 - Salt

- Conventional resources:
 - Coal
 - Petroleum
 - Natural gas
 - Hydroelectricity
- Non-conventional energy sources:
 - Solar
 - Wind
 - Biogas
- Conservation Industries:
 - Types
 - Factors of industrial location
 - Distribution and changing pattern of selected industries:
 - Iron and steel
 - Cotton textiles
 - Sugar
 - Petrochemicals
 - Knowledge based industries
 - Impact of liberalization, privatisation and globalisation on industrial location
 - Industrial clusters
- Planning in India:
 - Target group area planning (case study)
 - Idea of sustainable development (case study)

Unit 9: Transport, Communication and International Trade

- Transport and communication:
 - Roads
 - Railways
 - Waterways

- Airways
- oil and gas pipelines
- Geographical information and communication networks
- International trade:
 - Changing pattern of India's foreign trade
 - Sea ports and their hinterland and airports

Unit 10: Geographical Perspective on selected issues and problems

- Environmental pollution
 - Urban - waste disposal
- Urbanisation:
 - Rural-urban migration
 - Problems of slums
- Land degradation

Map Work

- Map work on locating and labelling of features based on above units on outline map of India.

Part-C Practical Work

Unit 1: Processing of Data and Thematic Mapping

- Type and Sources of data:
 - Primary
 - Secondary and other sources
- Tabulating and processing of data:
 - Calculation of averages
 - Measures of central tendency

- Deviation
- Rank correlation
- Representation of data - construction of diagrams:
 - Bars
 - Circles
 - Flowchart
 - Thematic maps
 - Construction of dot
 - Choropleth maps
 - Isopleth maps
- Data analysis and generation of diagrams:
 - Graphs and other visual diagrams using computers

Unit 2: 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).

Students can be given different topics to get more insight into various problems of society.

OR

Unit 3: Spatial Information Technology

- Introduction to GIS:
 - Hardware requirements and software modules
 - Data formats
 - Raster and vector data, data input, editing and topology building
 - Data analysis
 - Overlay and buffer