

## LESSON PLAN

CLASS- B.A. 6th sem

SUBJECT- Fundamentals of remote sensing

Session- 2025-2026

MONTHS	TOPICS TO BE COVERED
January	Introduction to remote sensing, historical development/Evolution and processes of remote sensing
February	Aerial photography, photogrammetry, photo interpretation:- process of aerial photography, types of aerial photographs and elements of air photo interpretation
March	Types of remote sensing, digital image, Indian remote sensing satellites and their characteristics
April	Applications of aerial photographs and satellite remote sensing in geographical studies and management of natural resources
May	Managements of natural resources and revision

## LESSON PLAN

CLASS- B.A. 6th sem

SUBJECT-Making of maps(VOC)

Session- 2025-2026

MONTHS	TOPICS TO BE COVERED
January	Map:- definition and classification, scale: definition and classificatio
February	Conversion of scale, Climatic data by line and bar graph. Windrose diagram to show direction of winds.
March	Population distribution by simple & population density by multiple dot method. Population growth. line graph, composite bar graph showing total, rural and urban population (India & Haryana).
April	Interpretation of relief, drainage and settlement from topographical map. . Symbols in daily weather report used by Indian meteorological department (IMD) and isobaric pattern
May	Revision

## LESSON PLAN

CLASS- B.A. 2nd sem

SUBJECT- Human Geography

Session- 2025-2026

MONTHS	TOPICS TO BE COVERED
January	Definition, nature and scope of human geography. Development of human geography approaches to study human geography, branches and relation with other social sciences
February	Human race: Meaning, classification of races and their global diffusion and distribution. Religion: Meaning, nature and classification. Evolution and global distribution of major religions in the world.
March	Organization of space: central place theory, agricultural location model and industrial location model. Distribution, density and growth of population: Determinants and world pattern.
April	World pattern of development: economy and polity World pattern of migration: streams and determinants
May	Revision

## LESSON PLAN

CLASS- B.A. 4th sem

SUBJECT- Economic Geography

Session- 2025-2026

MONTHS	TOPICS TO BE COVERED
January	World pattern of development: economy and polity World pattern of migration: streams and determinants
February	Natural resources: types, bases of classification. Utilization and conservation of natural resources
March	World distribution of food crops (rice and wheat), commercial crops (cotton and sugarcane) and plantation crops (tea and coffee). World distribution and production of coal, petroleum and natural gas, iron ore and bauxite.
April	World distribution and production of iron and steel industry, textile industry, sugar industry and automobile industry. International trade and transport and major oceanic trade routes.
May	Revision

## LESSON PLAN

CLASS- B.Com. 2nd sem

SUBJECT- Human Geography of India

Session- 2025-2026

MONTHS	TOPICS TO BE COVERED
January	Population distribution, density and growth. Population composition, sex ratio and literacy.
February	Pattern and growth of urbanization. Working population: composition and distribution.
March	Distribution of scheduled tribe population in India Religion: distribution of major religions in India.
April	Linguistic and cultural diversity in India. Unity and diversity in India.
May	Revision

## LESSON PLAN

CLASS- B.sc. 2nd sem

SUBJECT- General geography of India

Session- 2025-2026

MONTHS	TOPICS TO BE COVERED
January	India: Locational setting and geographical expansion. Physiographic divisions of India.
February	Drainage system and climate. Soil and natural vegetation.
March	The Peopling of India. Population distribution, density and growth.
April	Population composition: ethnic and socio-cultural attributes (castes and tribes). Unity in diversity in India.
May	Revision

## LESSON PLAN

CLASS- B.A.4th sem

SUBJECT- Introduction to Geographical Information System(VOC)

Session- 2025-2026

MONTHS	TOPICS TO BE COVERED
January	Geographical Information System (GIS): Definition, historical development and significance. Components of GIS- Hardware, software, data and sources of data.
February	The basis of GIS mapping: map projections, datum and coordinate systems GIS data type (spatial and non-spatial) and data sources
March	Data models: vector and raster. Data capture: input; editing and error correction.
April	Application of GIS in resource mapping. Application of GIS in monitoring and management of resources.
May	REVISION

## LESSON PLAN

CLASS- B.A. 4TH sem

SUBJECT- Disaster Management

Session- 2025-2026

MONTHS	TOPICS TO BE COVERED
January	Natural hazards and disasters: definition and approaches of study; classification of disasters. Disaster profile of India and world.
February	Concepts of disaster vulnerability and mitigation. Preventive measures and preparedness for disasters
March	Flood: factors, vulnerability, consequences and management. Drought: Definition, nature, mitigation measures and management.
April	Industrial disasters: major industrial disasters and their causes and consequences. Epidemics: Causes and consequences, Covid-19 a case study.
May	Revision