

Lesson Plan

Geography Ist Sem

August

1. India: Location, relief structure and drainage systems.
2. Climate, soils, natural vegetation and natural disasters in India.

September

3. Population : distribution, density, growth and composition.
4. Migration, human settlement types and levels of urbanization.

October

5. Land resources, irrigation, regional variations in cropping pattern, Green revolution and problems of Indian agriculture.
6. Energy and mineral resources : coal, petroleum, hydroelectricity and nuclear energy, iron ore, manganese and mica.
7. Industries-iron and steel, cotton textile, sugar and petrochemical industries; and industrial regions of India.
8. Modes of transport and communication, international trade, changing pattern of export and import.

NOVEMBER

REVISION

Lesson Plan

Geography 3rd Sem

August

Weather and Climate; Origin, composition and structure of atmosphere.

Insolation, Global heat budget, Horizontal and vertical distribution of temperature, inversion of temperature.

September

Atmospheric pressure-measurement and distribution, pressure belts, planetary winds, Monsoon, Jet Streams EL-NINO-La Nina Phenomenon and Local winds.

Humidity-measurement and variables, evaporation, condensation, precipitation forms and types and distribution, hydrological cycle.

October

Air masses - concept and classification; Fronts- type and characteristics, Weather disturbances-tropical and extra-tropical cyclones. Climate classification by Koppen; climatic change and global warming.

November

Configuration of oceanic floors and surface relief of Pacific, Atlantic and Indian Oceans; temperature and salinity of oceans.

Tides, waves and oceanic currents; circulation in Pacific, Atlantic and Indian Oceans; Oceanic resources.

Lesson Plan

Geography 5th Sem

August

1. Nature, scope and relationship of economic geography with economics and other branches of social sciences.
2. Classification of economic activities and their impact on environment.

September

3. World natural resources: Types, bases and classification.
4. Conservation and utilization of natural resources.

October

5. Spatial distribution of food (rice and wheat), commercial (cotton and sugarcane) and plantation crops (tea, rubber and coffee).
6. Classification of mineral resources (ferrous and non-ferrous), distribution and production of coal, iron ore, petroleum and natural gas.

November

7. Classification of industries, world distribution and production of iron and steel and textile industry, major industrial complexes of the world.
8. Transport, communication and trade : geographical factors in their development, major modes of water, land and air transport, recent trends in international trade.

REVISION

Lesson Plan

Geography 2nd Sem

Week 1 - Definition, Nature, scope and fields of Physical Geography.

Week 2 - Interior of the Earth

Week 3 – Geological time scale

Week 4 - Plate tectonics, Earth movements; organic, eperogenic

Week 5 - earthquakes and volcanoes

Week 6 Theory of Isostasy; Wegner's theory of continental drift and theory.

Week 7 - Weathering: causes and its types.

Week 8 Mass-movements : causes, its types

Week 9 - Concept of cycle of erosion; cycle of erosion by W.M.Davis and David

Week 10 - Process of Wind,

Week 11 Process of River

Week 12 Underground water,

Week 13 - Glaciers

Week 14 – Sea waves

Week 15 – Revision

Week 16 – Revision

Week 17 – Revision



Lesson Plan

Geography 4th Sem

Week 1

Introduction to Aerial Photographs

Week 2

Interpretation of Aerial Photographs

Week 3

Interpretation of Aerial Photographs

Week 4

Remote Sensing

Week 5

Remote Sensing

Week 6

Imageries and their Application

Week 7

Geographical Information System

Week 8

Geographical Information System

Week 9

Application of GIS

Week 10

Application of GIS

Week 11

Measures of Central Tendency: Mean, Median and Mode

Week 12

Measures of Central Tendency: Mean, Median and Mode

Week 13

Measures of Dispersion

Week 14

Coefficient of Variation

Week 15

Revision

Week 16

Revision

Lesson Plan

Geography 6th Sem

Week 1

Nature and scope of Human Geography, Branches of Human Geography,

Week 2

Approaches to the study of Human Geography,

Week 3

Division of Mankind : Spatial distribution of race and tribes of India;

Week 4

Concept of men environment relation : A historical approach.

Week 5

Human adaptation to the environment (i) Cold region-Eskimo, (ii) Hot region Bushman,

Week 6

Human adaptation to the environment (iii) Plateau-Gonds, (iv) Mountains-Gujjars.

Week 7

Meaning, nature and components of resources; Classification of resources - renewable and non-renewable;

Week 8

Biotic and abiotic, recyclable and non-recyclable resources and Distribution,

Week 9

Utilization and conservation of biotic (flora and fauna) and abiotic (water, minerals and energy) resources.

Week 10

Distribution and density of world population, population growth, fertility and mortality patterns.

Week 11

Concept of over, under and optimum population; Population theories: Malthus, Ricardo and Marx.

Week 12

Rural settlements: Meaning, classification and types. Urban settlements: Origin,

Week 13

Classification and functions of towns.

Week 14

Population pressure, resource use and environment degradation;

Week 15

Sustainable development

Week 16

Concept of deforestation, soil erosion,

Week 17

Air and water pollution