

Lesson plan

Name of assistant/Associate professor: Dr. Anita Mishra

Class and section: BA 2nd Semester

Subject lesson plan: Physical Geography

Week 1

Weathering – Base material for study degradation and aggradation.
Physical or Mechanical Weathering.
Chemical Weathering.
Biological or Organic Weathering.
Factors Affecting Weathering.

Week 2

Geographical Importance of Weathering.
Discuss all types of Weathering.
Block Disintegration, Isolation, Cohesion, Process of Gradation, Decomposition.
Mass Movements & definition.
Factors Affecting Mass Movements.

Week 3

Types and Impacts of Mass Movements.
Cause of Soil Creep.
Different types of Rapid Mass Movements.
Cohesion, Leaching, Capillary Action.
Revision of previous chapter and discussions on short questions.

Week 4

Test of Unit 3.
Cycle of Erosion - Meaning and definition.
Factors Controlling Davisian Cycle of Erosion – Structure, Process, Stage.
Pre-Assumption Davisian Cycle of Erosion.
Graphic Representation of Cycle of Erosion.

Week 5

Revision of previous chapter and discussions on short questions.
Appraisal of Davisian Cycle of Erosion.
The Normal Cycle of Erosion.
Interruption in Cycle of Erosion.
Cycle of Rejuvenation.

Week 6

Landforms Produced by Rejuvenation.
Interfluvium.
River Capture or River Piracy.
Important Geographical Terms.
Test of Unit - II

Week 7

Wind – Meaning and Area of Operation.
Works of Wind.
Factors Controlling Wind Erosion.
Landforms Produced by Wind Erosion.

Week 8

Revision of previous chapters and discussions on short questions.
Landforms Produced by Wind Deposition.
Loess.
Seif.
Assignment.

Week 9

River – Meaning, Birth and Journey.
The Works of River.
Erosional Work of River.
Transportational Work of River.
Depositional Work of River.
Revision of chapter 10 and discussions on short questions.

Week 10

Landforms Produced by River.
Landforms Produced in the Upper Part of River Valley.
Landforms Produced in the Middle Part of River Valley.
Landforms Produced in the Lower Part of River Valley.
Group discussion of population theories.

Week 11

Development of River Valley.
Process of Gradation.
Drainage Basin.
River System and Water Divide
Revision of previous chapters and discussions on short questions.
Underground Water and Karst Landscape – Meaning, Definition and Source.
Difference between Porous and Permeable Rocks.

Week 12

Sources of Underground.
Water Table.
Zones of Underground Rocks Based on Water Saturation.
Wells.
Artesian Well.
Springs.
Difference between Artesian Well and Well.

Week 13

Geyser.
Underground Water as an Agent of Gradation.
Works of Underground Water.
Erosional Work of Underground Water.
Revision and assignment.
Revision of previous chapter and discussions on short questions.

Week 14

Depositional Work of Underground Water.
Waterlogging.
Zone of Aeration.
Hydrologic Cycle.
The Work of Glaciers and Glaciated Landforms.
Glacier – Meaning, Origin and Movement.
Types of Glaciers.
Review of previous chapter.

Week 15

Test of Unit IV.
Works of Glacier.
Erosional Work of Glacier.
Transportation Work of Glacier.
Deposition Work of Glacier.
Icebergs.
Short question-answer discussion.
Revision.

Lesson plan

Name of assistant/Associate professor: Dr. Anita Mishra

Class and section: BA 4th Semester

Subject lesson plan: Human Geography

Week 1

Introduction to syllabus.
Scope of Human Geography.
Meaning and Nature of human Geography.
Dependence, Thoughts & Methods of Human Geography
Branches of Human Geography
Revision of chapter 1 and discussions on short questions.
Race –Meaning and definition
Evolution & Development of Human Races.
Basis of classification.
Criteria of Racial Classification.

Week 2

Classification & Distribution of Human Races of India
Classification by Dr. Guha's in Indian Human Races
Tribal Population
Spatial Distribution of Races of India.
Literacy and Geographical Distribution of Schedule Tribes in India
Main Tribes and its types
Habits, Geographical Conditions, Traits & Occupations of Tribes

Week 3

Revision of previous chapter 2 and discussions on short questions.
Meaning and types of man-Environment Relations
Environmental Determination & its Criticism.
Human adaption to the environment
Neo-Determinism
Introduction, Conditions, Traits, Food & Occupations of cold region - Eskimos.
Bushman
Introduction, Conditions, Traits, Food & Occupations of hot region - Bushman.
Bushman

Week 4

Introduction, Conditions, Traits, Food & Occupations of Plateau - Gonds.
Gujjar's.
Revision of chapter 3 & 4 and discussions on short questions.
Test of Unit - I.
Meaning, Static & Dynamic Concepts of Resources.
Resources, Resistances and Neutral Stuffs.

Week 5

Resource Creating Components.
Revision of chapter 5 and discussions on short questions.
Classification of Resources.
Renewal and non-renewal resources.
Geographical Distribution of Forest Resources.

Week 6

Forest Products and Economic Activities.
Revision of chapter 6 &7 and discussions on short questions.
Oceanic Water Resources
Surface & Under Ground Water Resources
Recyclable and non-recyclable resources.

Week 7

Mineral Resources.
Energy Resources.
Conservation of Soil, Water & Air Resources
Conservation of Forest & Mineral Resources.
Test of Unit - II

Week 8

Revision of chapter 8 &9 and discussions on short questions.
Distribution, Factors and Pattern of the Population.
Density of World Distribution
Assignment.
Population Growth, Determinants of Population Changes
Determinants of Mortality, Birth & Death Rate and Population Change.
Size of Population, Growth Trends and Spatial Pattern.

Week 9

Population Changes & Economic Development, Stages of Demographic Transition.
Overpopulation and Under Population.
Revision of chapter 10 and discussions on short questions.

Week 10

Optimum Population.
Malthusian Theory of Population.
Ricardo's and Marx's Theory of Population.
Revision of chapter 11 & 12 and discussions on short questions.
Meaning and types of Rural Settlements.
Affecting Factors to location of Rural Settlements.
Pattern of Rural Settlements.
Group discussion of population theories.

Week 11

Pre-historic Towns.
Medieval Towns.
Modern Towns.
Revision of chapter 13 & 14 and discussions on short questions.
Classification of Towns and Methods of Classification.
Contribution of Indian Scholars

Week 12

Pattern of Functional Classification of Town.
Revision of chapter 15 and discussions on short questions.
Meaning of Population Pressure.
Exploitation of Resources.
Environmental Degradation and its Process

Week 13

Degradation of Natural Environment
Degradation of Environment by Man
Concept of Deforestation.
Agriculture Growth and Economic Degradation.
Population Explosion and Resources.

Week 14

Industrial Development and Air Pollution.
Revision and assignment.
Urbanization and Water Pollution
Urbanization and Environmental Degradation.
Effect, Measurement and Sources of Soil erosion.

Week 15

Effect, Measurement and Sources of Noise Pollution.
Revision of chapter 16 and discussions on short questions.
New Models of Developments
Main Elements of Sustainable Developments
Salient Features of Sustainable Developments

Week 16

Objectives of Sustainable Developments
Solution of Environmental Problems through Sustainable Developments
Revision of chapter 17 and discussions on short questions.
Review of previous chapter
Test of Unit IV.

Week 17

Short question-answer discussion/ Revision
Revision

Lesson plan

Name of assistant/Associate professor: Dr. Anita Mishra

Class and section: BA 6th Semester

Subject lesson plan: Introduction to Remote Sensing, GIS & Quantitative Methods.

Week 1

Introduction to syllabus.
Introduction to Aerial Photographs : their advantage and types.
Introduction to Aerial Photographs.
Advantages of Aerial Photographs.

Week 2

Types of Aerial Photographs
Elements of Aerial Photo Interpretation.
Introduction to remote sensing.

Week 3

Electromagnetic Spectrum.
Stages in remote sensing & types of satellites.
Revision of previous chapter 2 and discussions on short questions.
Class test.

Week 4

Types of Imageries and their application in various fields such as agriculture, environment and resource mapping.
Stages in remote sensing.
Revision of chapter 3 & 4 and discussions on short questions.
Test of Unit - I.

Week 5

Types of satellites.
Revision of chapter 5 and discussions on short questions.

Week 6

Types of Imageries.
Revision of chapter 6 &7 and discussions on short questions.

Week 7

Uses of Imageries in agriculture.
Test of Unit - II

Week 8

Uses of Imageries in environments.
Revision of chapter 8 &9 and discussions on short questions.
Assignment.

Week 9

Introduction To GIS Definition ,purpose, advantages and software development and hardware requirement
Revision of chapter 10 and discussions on short questions.

Week 10

Revision of chapter 11 & 12 and discussions on short questions.
Group discussion of population theories.

Week 11

Revision of chapter 13 & 14 and discussions on short questions.

Week 12

Revision of chapter 15 and discussions on short questions.

Week 13

Revision and assignment.

Week 14

Revision of chapter 16 and discussions on short questions.

New Models of Developments

Main Elements of Sustainable Developments

Salient Features of Sustainable Developments

Week 15

Objectives of Sustainable Developments

Solution of Environmental Problems through Sustainable Developments

Revision of chapter 17 and discussions on short questions.

Review of previous chapter

Test of Unit IV.

Week 16

Short question-answer discussion/ Revision

Revision