


**Session
Lesson Plan**

2025-26

Name of the Department: Higher Education
Class: Physical Geography-11
Paper name: (B-GEO-301)

B.A. IIIrd Sem.

Month	Topic
July 2025	1. Weather and Climate, Atmosphere: Origin, Structure and Composition.
August 2025	2. Insolation, Global Heat Budget, Temperature: Horizontal and Vertical Distribution and Inversion of Temperature.
September 2025	3. Atmospheric Pressure: Measurement and Distribution, Pressure Belts, Winds: Planetary, Seasonal and Local. 4. Humidity: Measurement and Variables, Evaporation, Condensation and Precipitation: Forms, Types and Distribution.
October 2025	5. Air Masses: Concepts and Classification, Fronts: Types and characteristics. 6. Weather Disturbances: Tropical and Extra-Tropical Cyclone, Anticyclones.
November 2025	7. Climate Change; Global Warming. 8. Ozone Layer Depletion and Acid Rain.


Signature of the teacher

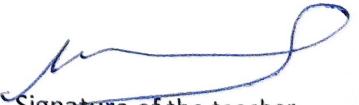
Session
Lesson Plan

2025-26

Name of the Department: Higher Education
Class: Physical Geography (Practical)
Paper: Map Projection

B.A. IIIrd Sem

Month	Topic
July 2025	Preparation of Cylindrical projections (3 exercise)
August 2025	Preparation of Cylindrical projections (3 exercise)
September 2025	Conical Projections (4 exercise)
October 2025	Zenithal Projections, Polar case only (5 exercise)
November 2025	Conventional Projections (2 exercise)

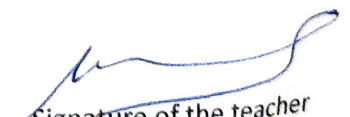

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Session (2025-26)
Lesson Plan

Name of the Department: Higher Education
Class: Field Techniques
Paper: 505

B. A. Geo. Hon. Ith Sem

Month	Topic
July 2025	Field Work in Geography: Concept, Role value and Ethics, Studying Rural - Urban; Physical Human.
August 2025	Filed Techniques: Merits, Demerits and solution of the Appropriate Technique:
September 2025	Observation, Questionnaire, Interview, and Use of field tool: Collection of Materials for surveys.
October 2025	Field Trip to any area decides by respective College department Assigning the field report for submission examination.
November 2025	Field Trip to any area decides by respective College department Assigning the field report for submission examination.

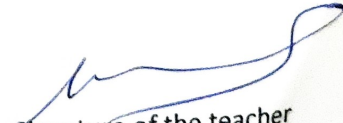

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Session (2025-26)
Lesson Plan

Name of the Department: Higher Education
Class: Agricultural Geography
Paper: 503

B.A. Geo. Hon. Vth Sem

Month	Topic
July 2025	Nature and scope of Agricultural Geography; Approaches to agricultural geography; physical, cultural and institutional factors affecting agriculture.
August 2025	World farming systems: subsistence, commercial, plantation, dairying and mixed farming; crop concentration and crop diversification; delineation of crop combination regions (Weaver's method).
September 2025	Agriculture in India: land-use and cropping pattern; development of irrigation and agriculture; agricultural efficiency and agricultural productivity.
October 2025	Agricultural planning and policies in India; Agro-climatic regions of India, Green revolution in India;
November 2025	Second generation reforms in Indian agriculture: Land and institutional reforms, Sustainable Agriculture.


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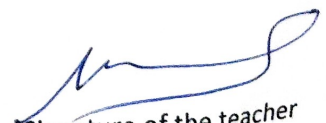
Name of the Department: Higher Education

Class: Geography Of India

Paper: 502

(B.A. Geo. Hon.) Vth Sem.

Month	Topic
July 2025	Physiographic divisions; drainage system; climate; climatic regions (Koeppen); soil and natural-vegetation.
August 2025	Minerals and power resources (iron ore, coal and petroleum); multipurpose projects; irrigation; major industries: iron and steel, cotton textile, sugar and automobile.
September 2025	Major Crops (rice, wheat, sugarcane, cotton and tea); Green revolution and its consequences, Regionalisation of India (Physiographic, social cultural, Economic) Distribution of population by race, religion, language, tribes.
October 2025	Population growth: trends and pattern; sex and age-structure; literacy and urbanization.
November 2025	Distribution of population by race, language.


Signature of the teacher

M.Sc. (P)

Session 2025-26
Lesson Plan

Name of the Department: Higher Education
Class: M.Sc Previous Climatology)
Paper: M25-GEO-101

Month	Topic
July 2025	Definition of weather and climate; climatology and meteorology.
August 2025	Origin, composition and structure of atmosphere. Solar radiation, greenhouse effect, heat budget and Temperature distribution
September 2025	Atmospheric pressure and its distribution pattern. Theories of general circulation and planetary winds. Walker circulation-ENSO and La Nina, origin of monsoons and jet streams.
October 2025	Atmospheric Moisture: humidity, evaporation, condensation, precipitation formation theories and types of precipitation. acid rain. Stability and instability of atmosphere, air masses and fronts. Weather systems: origin and characteristics of extra tropical and tropical cyclones.
November 2025	Climatic classification: bases of climatic classification by Koeppen. Trewartha and Thornthwaite. Climatic change: pattern, evidences and theories of climate change. Global warming: theories and impacts on earth systems.