

LESSON PLAN (2026–27)

Teacher Name: Dr. Ashwani Kumar

Class: B.A. 3rd Year (5th Semester)

Course: Map Reading & Interpretation of Toposheets

Course Code: 26GEO405MV01

Week	Dates	Topic
1	11–16 August 2026	Nature and Scope of Cartography
2	17–23 August 2026	Historical Development of Cartography
3	24–30 August 2026	Applications of Cartography
4	31 Aug–6 Sept 2026	Essentials of Map Making
5	7–13 September 2026	Meaning and Significance of Maps
6	14–20 September 2026	Elements of Maps
7	21–27 September 2026	Purpose and Types of Maps
8	28 Sept–4 Oct 2026	Classification of Maps
9	5–11 October 2026	Map Scale: Definition and Uses
10	12–18 October 2026	Methods of Expression of Scale
11	19–25 October 2026	Cartographic Symbols: Objectives and Classification
12	26–31 October 2026	Methods of Representation of Relief
—	1–9 November 2026	DIWALI VACATION
13	10–15 November 2026	Interpretation of Maps: Meaning and Significance
14	16–22 November 2026	Interpretation of Natural and Cultural Landscapes: Settlement, Agriculture and Transport
15	23–29 November 2026	Interpretation and Applications of Thematic Maps and Distribution Maps
16	30 November–6 December 2026	Limitations of Maps, Revision and Question Discussion

Teacher's Signature: Ashwani Kumar

Dr. Ashwani Kumar

Department of Geography

Lesson Plan (2026-27)

TEACHER NAME: DR. ASHWANI KUMAR
CLASS: BA 2 (3RD SEM.)

Course: Physical Geography-II (Part A): Analysis and Representation of Climatic Data
Course Code: 25GEOM403DS01

Teaching Period: 11 August 2026 to 6 December 2026

Week	Duration	Topics to be Covered
Week 1	11-16 August 2026	Course Introduction; Weather and Climate; Origin, Composition and Structure of Atmosphere
Week 2	17-23 August 2026	Insolation and Heat Budget
Week 3	24-30 August 2026	Weather and Climate Elements; Controlling Factors
Week 4	31 August-6 September 2026	Distribution of Temperature and Atmospheric Pressure
Week 5	7-13 September 2026	Local Winds and Planetary Winds
Week 6	14-20 September 2026	Revision of Unit I and Internal Assessment-I
Week 7	21-27 September 2026	Atmospheric Humidity: Types and Distribution
Week 8	28 September-4 October 2026	Evaporation, Condensation and Precipitation
Week 9	5-11 October 2026	Indian Monsoon: Origin and Characteristics
Week 10	12-18 October 2026	Indian Monsoon: Mechanism and Significance
Week 11	19-25 October 2026	Clouds: Types, Formation and Classification
Week 12	26-31 October 2026	Air Masses, Fronts, Cyclones and Anticyclones
Diwali Vacation	1-9 November 2026	No Classes
Week 13	10-15 November 2026	Ocean Floor Profile: Continental Shelf, Slope, Ridge, Deeps and Abyssal Plains
Week 14	16-22 November 2026	Ocean Currents: Types and Characteristics
Week 15	23-29 November 2026	Salinity in Oceans; Coral Reefs: Origin, Types and Distribution
Week 16	30 November-6 December 2026	Revision of Units III & IV, Previous Year Question Discussion and Internal Assessment-II

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Lesson Plan (2026-27)

TEACHER NAME: DR ASHWANI KUMAR

CLASS: BA 2 (3RD SEM.)

Course : Skill Enhancement Course – Land Use Planning (Practical)

Course Code : 25GEO403SE01

Week	Duration	Topics to be Covered
Week 1	1–7 August	Course Introduction; Concept of Land and Land Use; Meaning and Significance of Land Use Planning
Week 2	8–14 August	Mapping of Forest Cover using Topographical Sheets
Week 3	15–21 August	Mapping of Built-up Areas using Topographical Sheets
Week 4	22–28 August	Mapping of Transport Routes using Topographical Sheets
Week 5	29 August–4 September	Mapping of Water Bodies using Topographical Sheets
Week 6	5–11 September	Preparation of Land Use Maps using Aerial Photographs and Satellite Images
Week 7	12–18 September	Practical Exercise on Land Use Mapping and Interpretation
Week 8	19–25 September	Concept of Land Use Change and Land Management
Week 9	26 September–2 October	Spatio-temporal Change Analysis in Land Use/Land Cover
Week 10	3–9 October	Statistical Diagrams for Land Use/Land Cover Analysis
Week 11	10–16 October	Preparation and Interpretation of Existing Land Use/Land Cover Maps
Week 12	17–23 October	Preparation of Proposed Land Use/Land Cover Map of an Institution/Locality
Week 13	24–31 October	Practical Exercise on Land Use Planning and Map Preparation
Diwali Vacation	1–9 November	No Classes
Week 14	10–16 November	Land Use Planning and Data Collection
Week 15	17–23 November	Case Study, Portfolio Preparation and Mini Project
Week 16	24–30 November	Practical Revision and Internal Assessment
Week 17	1 December	Practical Record Submission and Course Completion

Teacher's Signature: _____

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