

# GOVERNMENT COLLEGE BIROHAR (JHAJJAR)

Summary of Lesson Plans of College Faculty for Academic Session 2025-26

Name of Assistant Professor: \_\_\_\_\_

OMBIK

Class & Sem.: M.A. 2<sup>nd</sup> Sem

Subject: Geography of India.

Months	Topics/Chapters to be covered
24 Jan → 2026  Jan 2026	Physiographic division of India:- → Geographical Division of the Himalayas. → The Plains of Northern India → The Peninsular Plateau. → The Indian desert → The Coastal Plains Drainage system :- Ganga, Indus, Brahmaputra Drainage Basin.
Feb 2026	Growth of population, distribution and density. factor affecting population distribution. Demographic attributes :- Sex ratio literacy rate work force Indian monsoon Mechanism. Types of Soils in India in details. Unit test and doubt classes.
March 2026	Characteristics of India agriculture and its developments after independence. Agriculture region of India. Major Industrial region of India. Transportation Network.
April 2026	Disputes of River water sharing Among states :- syl, Terrorism problems of internal security. Population explosion and food security. → Unit test and Assignment Complete revision and doubt solving Classes.

Signature of Assistant Professor

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Name of Assistant Professor: \_\_\_\_\_

OMBIK

Class & Sem.: M.A., 2nd Sem

Subject:

fundamental of Cartography.

Months	Topics/Chapters to be covered
24 Jan. → Jan 2026	Introduction, Nature, Scope, meaning and significance of Cartography. Tools and techniques in cartography Recent trends in Cartography.
Feb 2026	Geographical Data :- Nature, Characteristics Types and Source Data Collection Method:- Sampling, Sample types, Sampling process Data collection and tabulation.
March 2026	Cartography in A GIS Environment: Data Capture and Conversion, Accessibility and availability. Data referencing :- Spatial and temporal. Geographical Coordinates :- map references system and transformation. Digital Cartography :- Meaning, development and significance
April 2026	Mapping, Layout design of topographic, thematic, Qualitative and quantitative maps, Introduction to mapping organization and services in India S.O.I, NATMO and NRSC.

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Summary of Lesson Plans of College Faculty for Academic Session 2025-26

Name of Assistant Professor: OMBIR

Class & Sem.: B.A. 6<sup>th</sup> Sem. Subject: A.P, R.S. and G.I.S

Months	Topics/Chapters to be covered
20 Jan. Jan 2026	Aerial Photography :- Types and Benefit. Aerial photography Interpretation and application.
Feb 2026	Remote Sensing, Nature, Scope, Definition. Stage of Remote Sensing. Electromagnetic Spectrum. Spectral Signature.
March 2026	G.I.S., Meaning, Nature, definition and advantage. Types of Data - Spatial Non-Spatial Data Models: - Raster Vector Application of G.I.S.
April 2026	Statistical Methods - Mean Median Mode Standard deviation, Range, Quartile Deviation Class test and Assignment and revision classes.

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Signature of Assistant Professor