

**KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN,
KARNAL**

**Lesson Plan for the Odd Semester
(July to November, 2025)**

Name of the Teacher – Dr. Kanwaljeet Viridi

Class – B.A. III

Subject – Geography

Paper – Statistical Methods in Geography

July, 2025 4th Week 22 July – 26 July	Unit 1 • Data organization and its type. • Tabulation of nominal, interval and ordinal data
27 July, 2025	Sunday
5th Week 28 July – 30 July	Unit 1 • Class interval • Ratios • Rates • Graphical presentation of data ○ Histogram ○ Frequency Polygon ○ Ogives
31 July	Shaheed Udham Singh Martyrdom Day

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Dr. Kanwaljeet Virdi

Class – B.A. III

Subject – Geography

Paper – Statistical Methods in Geography

August, 2025 1 st Week 1 Aug – 2 Aug	Unit II Measures of Central Tendency: Mean, Median, Mode - Meaning and Definition of Statistics - Classification of Statistical Data - Statistical Series
3 Aug, 2025	Sunday
2 nd Week 4 Aug – 8 Aug	Unit II Measures of Central Tendency: Mean, Median, Mode contd... - Meaning and Definition of Central Tendency - Types of Statistical Averages - Mathematical Mean
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
3 rd Week 11 Aug - 14 Aug	Unit II Measures of Central Tendency: Mean, Median, Mode contd... Exercises - Individual Series: Direct Method, Short-cut Method
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
4 th Week 18 Aug - 23 Aug	Unit II Measures of Central Tendency: Mean, Median, Mode contd... - Exercises - Discrete Series: Direct Method, Short-cut Method - Exercises - Discrete Series: Step Deviation Method
24 Aug, 2025	Sunday
5 th Week 25 Aug - 30 Aug	Unit II Measures of Central Tendency: Mean, Median, Mode contd... - Exercises - Continuous Series: Direct Method, Short-cut Method - Exercises - Continuous Series: Step Deviation Method - Median - Exercises - Individual Series
31 Aug, 2025	Sunday

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Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Dr. Kanwaljeet Viridi

Class – B.A. III

Subject – Geography

Paper – Statistical Methods in Geography

September, 2025 1 st Week 1 Sept – 6 Sept	Unit II Measures of Central Tendency: Mean, Median, Mode contd... - Median - Exercises - Discrete Series and Continuous Series
7 Sept, 2025	Sunday
2 nd Week 8 Sept – 13 Sept	Unit II Measures of Central Tendency: Mean, Median, Mode contd... - Exercises – Ogive - Mode: Exercises - Individual, Discrete, Continuous Series
14 Sept, 2025	Sunday
3 rd Week 15 Sept – 20 Sept	Unit II Measure of Quantile
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept – 27 Sept	Unit II Measure of Decile
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	Unit II Measure of Percentile

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Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Dr. Kanwaljeet Virdi

Class – B.A. III

Subject – Geography

Paper – Statistical Methods in Geography

October, 2025 1st Week 1 Oct – 4 Oct	Unit III Measures of Dispersion • Various Methods of Measuring Dispersion • Range, Quartile Deviation
2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2nd Week 6 Oct - 11 Oct	Unit III Measures of Dispersion • Mean Deviation
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3rd Week 13 Oct - 18 Oct	Unit III Measures of Dispersion Standard Deviation
19 Oct – 26 Oct	Vacations (Diwali)
5th Week 27 Oct- 31 Oct	Unit IV • Relative measures of deviation ○ Coefficient of variation ○ Location Quotient

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(July to November, 2025)**

Name of the Teacher – Dr. Kanwaljeet Virdi

Class – B.A. III

Subject – Geography

Paper – Statistical Methods in Geography

November, 2025 1st Week 1 Nov, 2025 2 Nov, 2025	Haryana Day Sunday
2nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3rd Week 10 Nov - 15 Nov	Unit IV • Basics of bivariate ○ Scatter Diagram ○ Rank Correlation
16 Nov, 2025	Sunday
4th Week 17 Nov - 22 Nov	• Revision
23 Nov, 2025	Sunday
5th Week 24 November, 2025 Onwards	University Examinations

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Dr. Kanwaljeet Virdi

Class – B.A. II

Subject – Geography

Paper – Geography of India

July, 2025 4 th Week 22 July – 26 July	Unit – I – Physical Division of India • Regional Division of Himalayas • The Northern Plains • The Peninsular Plateau • The Indian Desert • The Coastal Plains • The Islands
27 July, 2025	Sunday
5 th Week 28 July – 30 July	Unit – I – Drainage System • The Himalayan Drainage System • The Peninsular Drainage System
31 July	Shaheed Udham Singh Martyrdom Day

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Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Dr. Kanwaljeet Virdi

Class – B.A. II

Subject – Geography

Paper – Geography of India

August, 2025 1 st Week 1 Aug – 2 Aug	Unit – I – Climate • The Nature of Monsoon • Winter Season • Summer Season • Southwest Monsoon Season Koeppen's Climatic regions
3 Aug, 2025	Sunday
2 nd Week 4 Aug – 8 Aug	Unit – I – Soils • Importance of Soil • Classification of Soils • Soil Erosion Natural Vegetation • Meaning Types of Forests
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
3 rd Week 11 Aug - 14 Aug	Unit – II – Agricultural Crops • Cropping Seasons in India • Cropping Pattern Major crops - wheat, rice, cotton, sugarcane, tea
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
4 th Week 18 Aug - 23 Aug	Unit – II – Agricultural Crops cont... • Green Revolution: Meaning and Beginning • Salient Features of Green Revolution • Effects and Demerits of Green Revolution
24 Aug, 2025	Sunday
5 th Week 25 Aug - 30 Aug	Unit – II – Development of Irrigation sources • Means of Irrigation • Irrigations by Canal • Irrigations by tubewell
31 Aug, 2025	Sunday

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Dr. Kanwaljeet Virdi

Class – B.A. II

Subject – Geography

Paper – Geography of India

September, 2025 1 st Week 1 Sept – 6 Sept	Unit – III – Population • Distribution of Population • Factors affecting distribution of population • Density of Population • Growth of Population
7 Sept , 2025	Sunday
2 nd Week 8 Sept – 13 Sept	Unit – III – Population composition • Sex Composition • Types of Rural Settlements
14 Sept , 2025	Sunday
3 rd Week 15 Sept – 20 Sept	Unit – III – Population composition • Factors determining the types of Rural settlements • Urbanization In India
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept – 27 Sept	Unit – III – Population cont... • Literacy in India • Occupational Composition
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	Unit – III – Population cont... Language and religion

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Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Dr. Kanwaljeet Virdi

Class – B.A. II

Subject – Geography

Paper – Geography of India

October, 2025 1 st Week 1 Oct – 4 Oct	Unit – IV – Resources • Types of resources • Distribution of Iron Ore in India • Distribution of Coal in India
2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2 nd Week 6 Oct - 11 Oct	Unit – IV – Resources cont... • Distribution of Petroleum in India • Distribution of Hydro power in India
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3 rd Week 13 Oct - 18 Oct	Unit – IV – Resources cont... • Solar energy • Thermal power
19 Oct – 26 Oct	Vacations (Diwali)
5 th Week 27 Oct- 31 Oct	Unit – IV – Industries • Meaning and Importance • Types of Industries • Iron and Steel Industry

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Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Dr. Kanwaljeet Virdi

Class – B.A. II

Subject – Geography

Paper – Geography of India

November, 2025 1 st Week 1 Nov, 2025 2 Nov, 2025	Haryana Day Sunday
2 nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3 rd Week 10 Nov - 15 Nov	Unit – IV – Industries cont... • Sugar Industry • Cotton textile Transport and Communication • Water Transport
16 Nov, 2025	Sunday
4 th Week 17 Nov - 22 Nov	Unit – IV – Transport and Communication cont... • Air Transport, Oil and Gas Pipelines • Communication Network
23 Nov, 2025	Sunday
5 th Week 24 November, 2025 Onwards	University Examinations

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Aarzoo

Class- B.A. I

Subject- Geography

Paper- Physical Geography

July, 2025 4 th Week 22 July – 26 July	Chapter 1 – Interior of Earth Sources of Knowing Interior of Earth Conclusion of Knowledge from seismology and interior of the Earth
27 July, 2025	Sunday
5 th Week 28 July – 30 July	Chapter 1 – Interior of Earth Contd. - Different Interior Layers and their Chemical Composition Chapter 2 – Geological Time Scale - Origin and Age of the Earth - Meaning, Purpose - Importance and Time spans
31 July	Shaheed Udham Singh Martyrdom Day

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Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Aarzoo

Class- B.A. I

Subject- Geography

Paper- Physical Geography

August, 2025 1st Week 1 Aug – 2 Aug	Chapter 3 – Rocks • Meaning and Definition of the Rocks • Classification of Rocks Chapter 4 - Theory of Isostasy • Meaning, Definition • Proposition of Theory of Isostasy Views
3 Aug, 2025	Sunday
2nd Week 4 Aug – 8 Aug	Chapter 5 - Theory of Continental Drift • Wegener's Theory of Continental Drift Chapter 6 - Plate Tectonics • Plate Tectonic Theory- Origin and Evolution • Types and Characteristics of Plates • Basic assumption of Plate Tectonic
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
3rd Week 11 Aug - 14 Aug	Chapter 7 - Earthquakes and Volcanoes • Meaning, Definition and Origin of Earthquakes and waves • Classification of Earthquakes • Distribution of Earthquakes • Meaning, Definition, Causes of Volcanoes Eruption • Types of Volcanoes, Distribution of Volcanoes
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
4th Week 18 Aug - 23 Aug	Chapter 8 – Weathering • Meaning of Weathering • Weathering -Physical Weathering Chapter 8 - Mass Movements and Resultant Landforms • Definition, Factors Affecting Mass Movements • Types and Importance of Mass Movements
24 Aug, 2025	Sunday
5th Week 25 Aug - 30 Aug	Chapter 9 – landforms generated by geomorphic agents (The Work of Rivers and Produced Landforms) Landforms produced in the River Valley
31 Aug, 2025	Sunday

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Name of the Teacher – Ms. Aarzoo

Class- B.A. I

Subject- Geography

Paper- Physical Geography

September, 2025 1 st Week 1 Sept – 6 Sept	Chapter 10 - Underground Water Landforms - Sources of Underground Water - Work of Underground Water (Erosional Work)
7 Sept , 2025	Sunday
2 nd Week 8 Sept – 13 Sept	Chapter 11 - The Work of Wind and Aeolian Landforms - Meaning and Area of Operation - Work of Wind - Landforms Produced by Wind Erosion
14 Sept , 2025	Sunday
3 rd Week 15 Sept – 20 Sept	Chapter 12 - The Work of Glaciers and Glaciated Landforms - Erosional work of Glacier - Landforms produced by Glacial Erosion Chapter 13 - Weather and Climate - Meaning and definition of Weather and Climate - Elements and difference between climate and weather
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept – 27 Sept	Chapter 14 - Composition and Structure of the Atmosphere - Composition of Atmosphere - Structure of the Atmosphere Chapter 15 - Insolation and Temperature - Insolation - Heat Budget of the Earth and Factors affecting Insolation
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	Chapter 16 – Atmospheric Pressure and Winds - Air pressure - Vertical and Horizontal distribution of atmospheric pressure

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Name of the Teacher – Ms. Aarzoo

Class- B.A. I

Subject- Geography

Paper- Physical Geography

October, 2025 1 st Week 1 Oct – 4 Oct	Chapter 16 – Atmospheric Pressure And Winds - Seasonal distribution of air pressure Winds - Factors controlling the direction of winds - Permanent winds - Periodic winds and local winds
2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2 nd Week 6 Oct - 11 Oct	Chapter-17 Atmospheric Humidity and Precipitation - Definition and Water vapors: Meaning and importance - Ways to express humidity - Evaporation: factors controlling rate of evaporation - Latitudinal distribution of evaporation - Condensation, Clouds Types of clouds
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3 rd Week 13 Oct - 18 Oct	Chapter-17 Atmospheric Humidity and Precipitation cont... - Precipitation - Types of precipitation - Distribution of rainfall in the world.
19 Oct – 26 Oct	Vacations (Diwali)
5 th Week 27 Oct- 31 Oct	Chapter -18 Surface Configuration of the Ocean floor - Floor of the ocean - Classification of ocean floor

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Name of the Teacher – Ms. Aarzoo

Class- B.A. I

Subject- Geography

Paper- Physical Geography

November, 2025 1 st Week 1 Nov, 2025 2 Nov, 2025	Haryana Day Sunday
2 nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3 rd Week 10 Nov - 15 Nov	Chapter- 19 Circulation of the oceanic water • Currents • Currents of the Pacific Ocean
16 Nov, 2025	Sunday
4 th Week 17 Nov - 22 Nov	Chapter- 19 Circulation of the oceanic water contd... • Currents of the Atlantic Ocean • Currents of the Indian Ocean
23 Nov, 2025	Sunday
5 th Week 24 November, 2025 Onwards	University Examinations

**KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN,
KARNAL**

**Lesson Plan for the Odd Semester
(July to November, 2025)**

Name of the Teacher – Ms. Komal

Class – B.Sc. II

Subject – Geography

Paper – Resource Geography of India

July, 2025 4th Week 22 July – 26 July	Unit –I Agriculture • Factor affecting Indian Agriculture ○ Environmental factor
27 July, 2025	Sunday
5th Week 28 July – 30 July	Unit –I Agriculture • Factor affecting Indian Agriculture ○ Technological factor ○ Institutional factor
31 July	Shaheed Udham Singh Martyrdom Day

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Komal

Class – B.Sc. II

Subject – Geography

Paper – Resource Geography of India

August, 2025 1 st Week 1 Aug – 2 Aug	Unit –I Distribution and production of crops • Distribution and production of rice
3 Aug, 2025	Sunday
2 nd Week 4 Aug – 8 Aug	Unit –I Distribution and production of crops • Distribution and production of wheat
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
3 rd Week 11 Aug - 14 Aug	Unit –I Distribution cont... • Distribution and production of sugarcane
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
4 th Week 18 Aug - 23 Aug	Unit –I Distribution cont... • Distribution and production of tea
24 Aug, 2025	Sunday
5 th Week 25 Aug - 30 Aug	Unit – II Water resources • Means of irrigation • Canal irrigation • Tubewell irrigation
31 Aug, 2025	Sunday

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Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Komal

Class – B.Sc. II

Subject – Geography

Paper – Resource Geography of India

September, 2025 1 st Week 1 Sept – 6 Sept	Unit – II Water resources cont... • Intensity of Irrigation
7 Sept, 2025	Sunday
2 nd Week 8 Sept – 13 Sept	Unit – II Water resources cont... • Development and management of water resources
14 Sept, 2025	Sunday
3 rd Week 15 Sept – 20 Sept	Unit – II Water resources cont... • National water mission and policy
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept – 27 Sept	Unit – II Water resources cont... • Jal Shakti Abhiyan
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	Unit – III Economic significance of minerals • Production and distribution of iron ore

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Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Komal

Class – B.Sc. II

Subject – Geography

Paper – Resource Geography of India

October, 2025 1 st Week 1 Oct – 4 Oct	Unit – III Economic significance of minerals cont... • Production and distribution of Bauxite
2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2 nd Week 6 Oct - 11 Oct	Unit – III Production, distribution of Non- Metallic minerals • Non- Metallic minerals • Production and trade of mica • Production and trade of limestone
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3 rd Week 13 Oct - 18 Oct	Unit – III Production, distribution cont... • Problems of mining industries • Conservation of minerals
19 Oct – 26 Oct	Vacations (Diwali)
5 th Week 27 Oct- 31 Oct	Unit – IV Energy Resources • Energy resources • Production and distribution of coal • Trade of coal

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Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Komal
Class – B.Sc. II
Subject – Geography
Paper – Resource Geography of India

November, 2025 1 st Week 1 Nov, 2025 2 Nov, 2025	Haryana Day Sunday
2 nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3 rd Week 10 Nov - 15 Nov	Unit – IV Energy Resources • Production and Distribution of Petroleum • Trade of Petroleum • Non- conventional energy resources
16 Nov, 2025	Sunday
4 th Week 17 Nov - 22 Nov	Unit – IV Energy Resources cont... • Solar energy • Wind energy • Energy crisis • Conservation of energy resource
23 Nov, 2025	Sunday
5 th Week 24 November, 2025 Onwards	University Examinations

**KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN,
KARNAL**

**Lesson Plan for the Odd Semester
(July to November, 2025)**

Name of the Teacher –Ms. Aarzoo

Class – B.Sc. I

Subject –Geography

Paper – Physical Geography of India

July, 2025 4th Week 22 July – 26 July	UNIT –I • Geological History of India
27 July, 2025	Sunday
5th Week 28 July – 30 July	UNIT –I • Geological History of India contd...
31 July	Shaheed Udham Singh Martyrdom Day

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher –Ms. Aarzoo

Class – B.Sc. I

Subject – Geography

Paper – Physical Geography of India

August, 2025 1 st Week 1 Aug – 2 Aug	UNIT –I • Regions of India
3 Aug, 2025	Sunday
2 nd Week 4 Aug – 8 Aug	UNIT –I • Regions of India contd...
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
3 rd Week 11 Aug - 14 Aug	UNIT –I • Physiographic structure and division of India
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
4 th Week 18 Aug - 23 Aug	UNIT –I Physiographic structure and division of India contd...
24 Aug, 2025	Sunday
5 th Week 25 Aug - 30 Aug	UNIT –II • Drainage system and its evolution • Himalayan river system
31 Aug, 2025	Sunday

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Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Aarzoo

Class – B.Sc. I

Subject – Geography

Paper –Physical Geography of India

September, 2025 1 st Week 1 Sept – 6 Sept	UNIT –II • Himalayan river system cont....
7 Sept., 2025	Sunday
2 nd Week 8 Sept. – 13 Sept	UNIT –II Peninsular river system
14 Sept, 2025	Sunday
3 rd Week 15 Sept – 20 Sept	UNIT –II Hydrological Regimes of Indian rivers
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept – 27 Sept	UNIT –II • Hydrological Regimes of peninsular river
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	UNIT –II Hydrological Regimes of peninsular river cont....

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**Lesson Plan for the Odd Semester
(July to November, 2025)**

Name of the Teacher – Ms. Aarzoo

Class – B.Sc. I

Subject – Geography

Paper – Physical Geography of India

October, 2025 1 st Week 1 Oct – 4 Oct	UNIT –III • Temperature and its distribution • Air pressure
2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2 nd Week 6 Oct - 11 Oct	UNIT –III • Rainfall and its type
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3 rd Week 13 Oct - 18 Oct	UNIT –III • Monsoon:- circulation and its theory
19 Oct – 26 Oct	Vacations (Diwali)
5 th Week 27 Oct- 31 Oct	UNIT –IV Natural vegetation • Classification and Distribution

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**Lesson Plan for the Odd Semester
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Name of the Teacher –Ms. Aarzoo

Class – B.Sc. I

Subject – Geography

Paper – Physical Geography of India

November, 2025 1 st Week 1 Nov, 2025 2 Nov, 2025	Haryana Day Sunday
2 nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3 rd Week 10 Nov - 15 Nov	UNIT –IV Soil • Classification and Distribution
16 Nov, 2025	Sunday
4 th Week 17 Nov - 22 Nov	• Revision
23 Nov, 2025	Sunday
5 th Week 24 November, 2025 Onwards	University Examinations

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Karma

Class- M.Sc. I

Subject- Geography

Paper- M24-GEO-101, Geography and Climate

August, 2025 1 st Week 1 Aug – 2 Aug	Unit – I • Definition of weather and climate • Climatology and Meteorology.
3 Aug, 2025	Sunday
2 nd Week 4 Aug – 8 Aug	Unit – I • Origin of Atmosphere • Composition of Atmosphere • Structure of Atmosphere
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
3 rd Week 11 Aug - 14 Aug	Unit – I • Solar radiation • Greenhouse Effect • Heat Budget
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
4 th Week 18 Aug - 23 Aug	Unit – II • Atmospheric pressure Concept • Distribution pattern of Atmospheric Pressure • General circulation of winds
24 Aug, 2025	Sunday
5 th Week 25 Aug - 30 Aug	Unit – II • Planetary winds • Walker circulation- ENSO and La Nina • Origin of Monsoons and Jet Streams.
31 Aug, 2025	Sunday

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Karma

Class- M.Sc. I

Subject- Geography

Paper- M24-GEO-101, Geography and Climate

September, 2025 1 st Week 1 Sept – 6 Sept	Unit – II • Origin of Monsoons and Jet Streams. • Land Breezes and Sea Breezes • Local winds
7 Sept, 2025	Sunday
2 nd Week 8 Sept – 13 Sept	Unit – II • Atmospheric Moisture • Concept of Humidity • Concept of Evaporation
14 Sept, 2025	Sunday
3 rd Week 15 Sept – 20 Sept	Unit – II • Condensation and forms of Condensation • Concept of Clouds and their types • Precipitation: Concept
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept – 27 Sept	Unit – III • Types of Precipitation • Theories of Precipitation
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	Unit – III • Types of Precipitation • Theories of Precipitation.

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Karma

Class- M.Sc. I

Subject- Geography

Paper- M24-GEO-101, Geography and Climate

October, 2025 1 st Week 1 Oct – 4 Oct	Unit – III • Stability and instability of atmosphere • Air masses Concept • Types of Air masses
2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2 nd Week 6 Oct - 11 Oct	Unit – III • Fronts Concept • Types of Fronts
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3 rd Week 13 Oct - 18 Oct	Unit – III • Weather systems • Extra tropical Cyclones • Tropical cyclones
19 Oct – 26 Oct	Vacations (Diwali)
5 th Week 27 Oct- 31 Oct	Unit – IV • Climatic classification • Bases of climatic classification by Koeppen

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KARNAL**

**Lesson Plan for the Odd Semester
(July to November, 2025)**

Name of the Teacher – Ms. Karma

Class- M.Sc. I

Subject- Geography

Paper- M24-GEO-101, Geography and Climate

November, 2025 1 st Week 1 Nov, 2025 2 Nov, 2025	Haryana Day Sunday
2 nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3 rd Week 10 Nov - 15 Nov	Unit – IV • Bases of climatic classification by Trewartha • Bases of climatic classification by Thornthwaite
16 Nov, 2025	Sunday
4 th Week 17 Nov - 22 Nov	Unit – IV • Climatic change Concept • Evidences of Climate Change and its explanation • Global warming and its impacts. • Revision
23 Nov, 2025	Sunday
5 th Week 24 November, 2025 Onwards	University Examinations

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Komal

Class – M.Sc. I

Subject – Geography

Paper – M24-GEO-102, Landforms: Processes, Structure and Origin

August, 2025 1 st Week 1 Aug – 2 Aug	UNIT-I - History and development in geomorphology - Fundamental concepts in geomorphology
3 Aug, 2025	Sunday
2 nd Week 4 Aug – 8 Aug	UNIT-I - Fundamental concept in geomorphology - Convection current theory - Sea floor spreading
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
3 rd Week 11 Aug - 14 Aug	UNIT-I - Sea floor spreading - Paleomagnetism
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
4 th Week 18 Aug - 23 Aug	UNIT-I - Continental drift theory - Plate tectonics
24 Aug, 2025	Sunday
5 th Week 25 Aug - 30 Aug	UNIT-II - Weathering and mass wasting - Process, factors, types, and its products
31 Aug, 2025	Sunday

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Komal

Class – M.Sc. I

Subject – Geography

Paper – M24-GEO-102, Landforms: Processes, Structure and Origin

September, 2025 1 st Week 1 Sept – 6 Sept	Unit-I • Slope Processes: Hill slopes, Pediments and gullies
7 Sept, 2025	Sunday
2 nd Week 8 Sept – 13 Sept	Unit-II • Theories of Slope Development
14 Sept , 2025	Sunday
3 rd Week 15 Sept – 20 Sept	Unit-III • Fluvial: Nature, Processes and Landforms
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept – 27 Sept	Unit-III • Glacial: Nature, Processes and Landforms
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	Unit-III • Aeolian: Nature, Processes and Landforms

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Komal

Class – M.Sc. I

Subject – Geography

Paper – M24-GEO-102, Landforms: Processes, Structure and Origin

October, 2025 1 st Week 1 Oct – 4 Oct	Unit-III Wave: Nature, Processes and Landforms
2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2 nd Week 6 Oct - 11 Oct	Unit-III Karst: Nature, Processes and Landforms
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3 rd Week 13 Oct - 18 Oct	Unit-III - Introduction to Geomorphic Hazards - Earthquakes, volcanoes, flood - Tsunami and snow avalanches
19 Oct – 26 Oct	Vacations (Diwali)
5 th Week 27 Oct- 31 Oct	Unit-III - Geomorphic Hazards: Processes and Management - Earthquakes, Volcanoes, Floods

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Komal

Class – M.Sc. I

Subject – Geography

Paper – M24-GEO-102, Landforms: Processes, Structure and Origin

November, 2025 1 st Week 1 Nov, 2025 2 Nov, 2025	Haryana Day Sunday
2 nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3 rd Week 10 Nov - 15 Nov	Unit-III • Geomorphic Hazards: Processes and Management • Tsunamis and Snow avalanches
16 Nov, 2025	Sunday
4 th Week 17 Nov - 22 Nov	Unit-IV • Applied Geomorphology: meaning and concept • Role of geomorphology in environmental management • Application of geomorphology in groundwater and infrastructure
23 Nov, 2025	Sunday
5 th Week 24 November, 2025 Onwards	University Examinations

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Komal

Class – M.Sc. I

Subject – Geography

Paper – M24-GEO-103, Geography and World Economies

August, 2025 1 st Week 1 Aug – 2 Aug	Unit I - Geographical approach to economy - Space, Place and scale
3 Aug, 2025	Sunday
2 nd Week 4 Aug – 8 Aug	Unit I - Concepts in economic geography - Economic Man - Goods and services
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
3 rd Week 11 Aug - 14 Aug	Unit I - Production - Exchange and consumption
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
4 th Week 18 Aug - 23 Aug	Unit I - Consumption process - Significance of consumption economy
24 Aug, 2025	Sunday
5 th Week 25 Aug - 30 Aug	Unit I - Spaces of consumption: - Street, mall and parks.
31 Aug, 2025	Sunday

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Komal

Class – M.Sc. I

Subject – Geography

Paper – M24-GEO-103, Geography and World Economies

September, 2025 1 st Week 1 Sept – 6 Sept	Unit II - World economies: Bases of classification - Patterns and characteristics of developed and developing economies of the world
7 Sept, 2025	Sunday
2 nd Week 8 Sept – 13 Sept	Unit II - Economic development - Meaning - Evolution - Goals
14 Sept, 2025	Sunday
3 rd Week 15 Sept – 20 Sept	Unit II - Measures, patterns, problems - Stages of economic development (Classical and contemporary: Rostow's, Romer's models)
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept – 27 Sept	Unit III - Network structure - Economic activities - Impact of transport on economic activities
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	Unit III - Spatial variation in production and transport cost - Location models:-Weber, Losch.

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Karma

Class – M.Sc. I

Subject – Geography

Paper – M24-GEO-103, Geography and World Economies

October, 2025 1 st Week 1 Oct – 4 Oct	Unit III • Location models: Christaller and Ullman • Globalization • Pattern of Economic Development
2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2 nd Week 6 Oct - 11 Oct	Unit IV • Recent trends in pattern of International trade. • Major regional trade blocks of the world.
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3 rd Week 13 Oct - 18 Oct	Unit IV • Functions and relevance:- • GATT • WTO • EU
19 Oct – 26 Oct	Vacations (Diwali)
5 th Week 27 Oct- 31 Oct	Unit IV • Functions and relevance:- • EU • TRIPS •

**KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN,
KARNAL**

**Lesson Plan for the Odd Semester
(July to November, 2025)**

Name of the Teacher – Ms. Karma

Class – M.Sc. I

Subject – Geography

Paper – M24-GEO-103, Geography and World Economies

November, 2025 1 st Week 1 Nov, 2025 2 Nov, 2025	Haryana Day Sunday
2 nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3 rd Week 10 Nov - 15 Nov	Unit IV • Functions and relevance of OPEC regarding energy crisis in developed countries of the world.
16 Nov, 2025	Sunday
4 th Week 17 Nov - 22 Nov	Unit IV • Functions and relevance of OPEC regarding energy crisis in developing countries of the world. • Revision
23 Nov, 2025	Sunday
5 th Week 24 November, 2025 Onwards	University Examinations

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Komal

Class – M.Sc. I

Subject – Geography

Paper – M24-GEO-104 Physical and Economic Geography of India

August, 2025 1 st Week 1 Aug – 2 Aug	Unit – I - Major physiographic division of India - Himalayan mountain - Great Plain - Peninsular plateau
3 Aug, 2025	Sunday
2 nd Week 4 Aug – 8 Aug	Unit – I - Coastal plain - Indian Islands - Regionalization schemes of India
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
3 rd Week 11 Aug - 14 Aug	Unit – I - Indian monsoon - South west monsoon - North east monsoon
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
4 th Week 18 Aug - 23 Aug	Unit – I - Climate regions of India. - Concept of seasons.
24 Aug, 2025	Sunday
5 th Week 25 Aug - 30 Aug	Unit – II - Drainage systems of India - Himalayas and peninsular drainage system
31 Aug, 2025	Sunday

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Komal

Class – M.Sc. I

Subject – Geography

Paper – M24-GEO-104 Physical and Economic Geography of India

September, 2025 1 st Week 1 Sept – 6 Sept	Unit - II - Functional significance of drainage system - Water regime of Indian river
7 Sept , 2025	Sunday
2 nd Week 8 Sept – 13 Sept	Unit – II - Soil - Types of soil, their distribution and characteristics
14 Sept , 2025	Sunday
3 rd Week 15 Sept – 20 Sept	Unit – II - Vegetation - Types of vegetation and their characteristics and its conservation - Social basis of identity- Regional dimension
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept – 27 Sept	Unit – II - Agriculture - Characteristics of Indian agriculture
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	Unit – II - Traditional farming - Modern farming - Animal husbandry - Green revolution

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Komal

Class – M.Sc. I

Subject – Geography

Paper – M24-GEO-104 Physical and Economic Geography of India

October, 2025 1 st Week 1 Oct – 4 Oct	Unit – II • Impact of green revolution • Challenges of green revolution
2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2 nd Week 6 Oct - 11 Oct	Unit – III • Agricultural market and credit • Significance and challenges
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3 rd Week 13 Oct - 18 Oct	Unit – III • Industrial complexes and industrial region • Challenges to industrial development
19 Oct – 26 Oct	Vacations (Diwali)
5 th Week 27 Oct- 31 Oct	UNIT –IV • Industrial policie • Start up program in India

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Komal

Class – M.Sc. I

Subject – Geography

Paper – M24-GEO-104 Physical and Economic Geography of India

November, 2025 1st Week 1 Nov, 2025 2 Nov, 2025	Haryana Day Sunday
2nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3rd Week 10 Nov - 15 Nov	UNIT –IV • Transport Patterns of international trade • Exports and Imports of India's Trade, Patterns of domestic trade
16 Nov, 2025	Sunday
4th Week 17 Nov - 22 Nov	UNIT –IV • Major exports and imports of India's trade • Balance of payment
23 Nov, 2025	Sunday
5th Week 24 November, 2025 Onwards	University Examinations

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Muskan

Class- M.Sc. I

Subject- Geography

Paper- M24-GEO-105, Quantitative Methods in Geography

August, 2025 1 st Week 1 Aug – 2 Aug	Unit I • Introduction to Descriptive Statistics • Histograms and Graphs • Frequency curve
3 Aug, 2025	Sunday
2 nd Week 4 Aug – 8 Aug	Unit I • Measures of Central Tendency - Introduction • Mean • Median • Mode
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
3 rd Week 11 Aug - 14 Aug	Unit I • Partitioned values – Introduction • Quartiles
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
4 th Week 18 Aug - 23 Aug	Unit I • Percentiles • Comparing the mean, median and mode
24 Aug, 2025	Sunday
5 th Week 25 Aug - 30 Aug	Unit I • Measures of Dispersion – Introduction • Absolute measures – Introduction • Range
31 Aug, 2025	Sunday

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Muskan

Class- M.Sc. I

Subject- Geography

Paper- M24-GEO-105, Quantitative Methods in Geography

September, 2025 1 st Week 1 Sept – 6 Sept	Unit I • Quartile Deviation • Mean Deviation
7 Sept, 2025	Sunday
2 nd Week 8 Sept – 13 Sept	Unit I • Standard Deviation • Relative measure of dispersion – Introduction • Coefficient of variation
14 Sept, 2025	Sunday
3 rd Week 15 Sept – 20 Sept	Unit II • Normal curve as a probability distribution • Characteristics of Normal curve as a probability distribution • Area under curve • Measure of inequality – Introduction
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept – 27 Sept	Unit II • Sampling – Introduction • Theory of sampling
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	Unit II • Methods of sampling • Sampling Distribution

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Muskan

Class- M.Sc. I

Subject- Geography

Paper- M24-GEO-105, Quantitative Methods in Geography

October, 2025 1 st Week 1 Oct – 4 Oct	Unit II • Chance errors in sampling • Location quotient • Lorenz curve
2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2 nd Week 6 Oct - 11 Oct	Unit II • Gini ratio Unit III • Bivariate Analysis – Introduction • Scatter diagram • Spearman's rank correlation and Karl Pearson's correlation coefficient • Test of significance
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3 rd Week 13 Oct - 18 Oct	Unit III • Simple Linear Regression – Introduction • Model properties of least square estimate • Interpretation and significance in geographical studies
19 Oct – 26 Oct	Vacations (Diwali)
5 th Week 27 Oct- 31 Oct	Unit – IV • Hypothesis testing • Chi Square • Utility in geographical studies

**KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN,
KARNAL**

**Lesson Plan for the Odd Semester
(July to November, 2025)**

Name of the Teacher – Ms. Muskan

Class- M.Sc. I

Subject- Geography

Paper- M24-GEO-105, Quantitative Methods in Geography

November, 2025 1 st Week 1 Nov,2025 2 Nov, 2025	Haryana Day Sunday
2 nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3 rd Week 10 Nov - 15 Nov	Unit IV • Significance test and interpretation • Residuals and their mapping
16 Nov, 2025	Sunday
4 th Week 17 Nov - 22 Nov	Unit IV • Basics of multivariate analysis • Correlation matrix
23 Nov, 2025	Sunday
5 th Week 24 November,2025 Onwards	University Examinations

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Muskan

Class- M.Sc. I

Subject- Geography

Paper- M24-GEO-106, Advanced Cartography

August, 2025 1 st Week 1 Aug – 2 Aug	Unit I • Cartography - Introduction • Nature, scope and recent advancement in cartography
3 Aug, 2025	Sunday
2 nd Week 4 Aug – 8 Aug	Unit I • Types and characteristics of distribution maps:- • Chorochromatic • Choroschematic • Isopleths
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
3 rd Week 11 Aug - 14 Aug	Unit I • Choropleth • Dot and Diagrammatic
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
4 th Week 18 Aug - 23 Aug	Unit I • Types and characteristics of statistical diagrams:- • One dimensional (bar,line) • Two dimensional (circular, rectangular, square)
24 Aug, 2025	Sunday
5 th Week 25 Aug - 30 Aug	Unit-I • Types and characteristics of statistical diagrams:- • Three dimensional (sphere, cube) • Other diagrams (snail, pyramid, flow diagram/cartogram)
31 Aug, 2025	Sunday

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Muskan

Class- M.Sc. I

Subject- Geography

Paper- M24-GEO-106, Advanced Cartography

September, 2025 1 st Week 1 Sept – 6 Sept	Unit-I • Characteristics of graph representing climatic data:- • Rainfall deviation • Climograph (Taylor and Foster) • Hythergraph
7 Sept , 2025	Sunday
2 nd Week 8 Sept – 13 Sept	Unit I • Characteristics of graph representing climatic data:- • Star/Wind rose diagram • Isoleths Unit II • Representation of data using Excel program • Time series analysis
14 Sept , 2025	Sunday
3 rd Week 15 Sept – 20 Sept	Unit II • Moving average of rainfall and temperature • Poly and trend graph • Line and bar Graph • Rainfall deviation diagram
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept – 27 Sept	Unit II • Representation of data using Excel program:- • Bar graphs:-Simple, comparative and compound
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	Unit II • Wheel diagram

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Muskan

Class- M.Sc. I

Subject- Geography

Paper- M24-GEO-106, Advanced Cartography

October, 2025 1 st Week 1 Oct – 4 Oct	Unit III - Representation of climatic and socio-economic data:- - Climograph (Foster and Taylor) - Hythergraph
2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2 nd Week 6 Oct - 11 Oct	Unit III - Representation of climatic and socio-economic data:- - Erogograph - Wind Rose Diagram
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3 rd Week 13 Oct - 18 Oct	Unit IV - Isopleth - Dot method
19 Oct – 26 Oct	Vacations (Diwali)
5 th Week 27 Oct- 31 Oct	Unit IV - Representation of climatic and socio-economic data:- - Choropleth (mono-variate, bi-variate) - Age and sex pyramid

**KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN,
KARNAL**

**Lesson Plan for the Odd Semester
(July to November, 2025)**

Name of the Teacher – Ms. Muskan

Class- M.Sc. I

Subject- Geography

Paper- M24-GEO-106, Advanced Cartography

November, 2025 1 st Week 1 Nov, 2025 2 Nov, 2025	Haryana Day Sunday
2 nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3 rd Week 10 Nov - 15 Nov	Unit IV • Representation of climatic and socio-economic data:- • Snail diagram • Triangle diagram
16 Nov, 2025	Sunday
4 th Week 17 Nov - 22 Nov	Unit IV • Cartogram (Traffic flow, rectangular) • Revision
23 Nov, 2025	Sunday
5 th Week 24 November, 2025 Onwards	University Examinations

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Muskan / Ms. Karma

Class- M.Sc. II

Subject- Geography

Paper- M24-GEO-301, Geography and Ecosystem

July, 2025 4 th Week 22 July – 26 July	Unit – I • Concept of Ecosystem • Types of Ecosystems • Components of Ecosystem
27 July, 2025	Sunday
5 th Week 28 July – 30 July	Unit – I • Functions of Ecosystem • Ecosystem Approach and its relevance in geography • Energy Flow in Ecosystem • Food Chain
31 July	Shaheed Udham Singh Martyrdom Day

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Muskan / Ms. Karma

Class- M.Sc. II

Subject- Geography

Paper- M24-GEO-301, Geography and Ecosystem

August, 2025 1 st Week 1 Aug – 2 Aug	Unit – I • Food Web • Tropic Levels • Ecological Production
3 Aug, 2025	Sunday
2 nd Week 4 Aug – 8 Aug	Unit – I • Ecological Pyramids • Biogeochemical Cycles: Concept • Hydrological Cycle
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
3 rd Week 11 Aug - 14 Aug	Unit – I • Carbon Cycle • Oxygen Cycle • Nitrogen Cycle
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
4 th Week 18 Aug - 23 Aug	Unit – II • Introduction to Biomes • Scheme of Classification
24 Aug, 2025	Sunday
5 th Week 25 Aug - 30 Aug	Unit – II • Factors affecting the distribution of Biomes • Tropical evergreen Rainforest Biome
31 Aug, 2025	Sunday

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Muskan / Ms. Karma

Class- M.Sc. II

Subject- Geography

Paper- M24-GEO-301, Geography and Ecosystem

September, 2025 1 st Week 1 Sept – 6 Sept	Unit – II • Savana biome • Monsoon biome
7 Sept, 2025	Sunday
2 nd Week 8 Sept – 13 Sept	Unit – II • Temperate Biome • Marine Biome • Mountain Biome • Desert Biome
14 Sept, 2025	Sunday
3 rd Week 15 Sept – 20 Sept	Unit – III • Human- environment relationship. • Classification of resources
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept – 27 Sept	Unit – III • Use and Ecological imbalance with reference to soil and forests resources. • Use and Ecological imbalance with reference to energy resources.
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	Unit – III • Concept of Air Pollution • Concept of Water Pollution • Concept of Noise Pollution

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Muskan / Ms. Karma
Class- M.Sc. II
Subject- Geography
Paper- M24-GEO-301, Geography and Ecosystem

October, 2025 1 st Week 1 Oct – 4 Oct	Unit – III - Biodiversity and conservation - Preservation and Conservation of ecosystem through resource management.
2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2 nd Week 6 Oct - 11 Oct	Unit – III - Environment issues: climate change, ozone depletion. - Environment issues: global warming, global cooling.
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3 rd Week 13 Oct - 18 Oct	Unit – IV - International efforts for environment management and conservation - The Stockholm Conference, The Earth Summit - Kyoto Protocol, Paris declaration and SDGs.
19 Oct – 26 Oct	Vacations (Diwali)
5 th Week 27 Oct- 31 Oct	Unit – IV - Environmental policies and Environment legislation in India. - Prevention and protection Act: The Wild Life Act - Water Act and Forest Act.

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Muskan / Ms. Karma

Class- M.Sc. II

Subject- Geography

Paper- M24-GEO-301, Geography and Ecosystem

November, 2025 1 st Week 1 Nov, 2025 2 Nov, 2025	Haryana Day Sunday
2 nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3 rd Week 10 Nov - 15 Nov	Unit – IV • Environment Protection Act. • National Environment Tribunal Act.
16 Nov, 2025	Sunday
4 th Week 17 Nov - 22 Nov	Unit – IV • National Green tribunal Act. • Revision.
23 Nov, 2025	Sunday
5 th Week 24 November, 2025 Onwards	University Examinations

**KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN,
KARNAL**

**Lesson Plan for the Odd Semester
(July to November, 2025)**

Name of the Teacher – Ms. Aarzoo

Class – M.Sc. Final

Subject – Geography

Paper – M24-GEO-302, Regional Development and Planning with Special Reference to India

July, 2025 4th Week 22 July – 26 July	UNIT-1 • Concept of regional development • Regional disparities
27 July, 2025	Sunday
5th Week 28 July – 30 July	UNIT-1 • Balanced regional development • Region and its Typology
31 July	Shaheed Udham Singh Martyrdom Day

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Aarzoo

Class – M.Sc. Final

Subject – Geography

Paper – M24-GEO-302, Regional Development and Planning with Special Reference to India

August, 2025 1 st Week 1 Aug – 2 Aug	UNIT- 1 Basis of regionalization in India and their characteristics
3 Aug, 2025	Sunday
2 nd Week 4 Aug – 8 Aug	UNIT-2 - Theories of regional development; - Trickle Down Theory, Growth Pole Theory
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
3 rd Week 11 Aug - 14 Aug	UNIT-2 - Theories of regional development; - Cumulative Causation Model, Core-Periphery Theory
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
4 th Week 18 Aug - 23 Aug	UNIT-2 - Concept of sustainable development, Inclusive Development. - Eco-feminism
24 Aug, 2025	Sunday
5 th Week 25 Aug - 30 Aug	UNIT-3 - Development and regional disparities in india since independence; - Disparities in Agricultural Development - Disparities in Industrial Development
31 Aug, 2025	Sunday

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Aarzoo

Class – M.Sc. Final

Subject – Geography

Paper – M24-GEO-302, Regional Development and Planning with Special Reference to India

September, 2025 1 st Week 1 Sept – 6 Sept	UNIT-3 Disparities in human resource development in terms of poverty; education and health
7 Sept, 2025	Sunday
2 nd Week 8 Sept – 13 Sept	UNIT-4 - India through planned Era with special reference to; - Tribal Area development plan
14 Sept, 2025	Sunday
3 rd Week 15 Sept – 20 Sept	UNIT-4 - India through planned Era with special reference to; - Desert, drought prone and backward area development plan
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept – 27 Sept	UNIT-4 - India through planned Era with special reference to; - Command area development Programme
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	UNIT-4 Niti Ayog; aims and objectives

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Aarzoo

Class – M.Sc. Final

Subject – Geography

Paper – M24-GEO-302, Regional Development and Planning with Special Reference to India

October, 2025 1 st Week 1 Oct – 4 Oct	UNIT-4 NITI AYOOG ; aims and objectives
2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2 nd Week 6 Oct - 11 Oct	UNIT-4 NITI AYOOG ; aims and objectives
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3 rd Week 13 Oct - 18 Oct	UNIT-4 Urban planning India with special reference to National Capital Region
19 Oct – 26 Oct	Vacations (Diwali)
5 th Week 27 Oct- 31 Oct	UNIT-4 Urban planning in India with special reference to National Capital Region

**KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN,
KARNAL**

**Lesson Plan for the Odd Semester
(July to November, 2025)**

Name of the Teacher – Ms. Aarzoo

Class – M.Sc. Final

Subject – Geography

Paper – M24-GEO-302, Regional Development and Planning with Special Reference to India

November, 2025 1 st Week 1 Nov, 2025 2 Nov, 2025	Haryana Day Sunday
2 nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3 rd Week 10 Nov - 15 Nov	UNIT-4 • Urban planning in India with special reference to National Capital Region
16 Nov, 2025	Sunday
4 th Week 17 Nov - 22 Nov	• REVISION
23 Nov, 2025	Sunday
5 th Week 24 November, 2025 Onwards	University Examinations

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Karma

Class- M.Sc. II

Subject- Geography

Paper- M24-GEO-305, Arid Geomorphology

July, 2025 4 th Week 22 July – 26 July	Unit – I • Definition, nature and scope of arid geomorphology. • Nature and properties of wind as a geomorphic agent.
27 July, 2025	Sunday
5 th Week 28 July – 30 July	Unit – I • Global distribution of deserts and arid region.
31 July	Shaheed Udham Singh Martyrdom Day

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Karma

Class- M.Sc. II

Subject- Geography

Paper- M24-GEO-305, Arid Geomorphology

August, 2025 1 st Week 1 Aug – 2 Aug	Unit – I Importance of studying arid region in the context of global environmental change.
3 Aug, 2025	Sunday
2 nd Week 4 Aug – 8 Aug	Unit – II - Wind erosion and landforms. - Wind erosion and landforms: processes, abrasion and deflation and aerodynamic erosion.
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
3 rd Week 11 Aug - 14 Aug	Unit – II - Wind erosional landforms; yardangs, ventifacts, pans and stone pavements. - Wind erosional landforms: deflation hollows, desert varnish: processes and significance.
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
4 th Week 18 Aug - 23 Aug	Unit – II Dust sources: contemporary and proximal mineral composition.
24 Aug, 2025	Sunday
5 th Week 25 Aug - 30 Aug	Unit – II - Dust- generating and dust yielding systems. - Gross spatial patterns of production and removal
31 Aug, 2025	Sunday

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Karma

Class- M.Sc. II

Subject- Geography

Paper- M24-GEO-305, Arid Geomorphology

September, 2025 1 st Week 1 Sept – 6 Sept	Unit – II Dust- generating and dust yielding systems and it's paleo-environmental significance.
7 Sept, 2025	Sunday
2 nd Week 8 Sept – 13 Sept	Unit – III - Factors and processes influencing wind deposition. - Wind deposition landforms: loess deposits.
14 Sept, 2025	Sunday
3 rd Week 15 Sept – 20 Sept	Unit – III - Wind deposition landforms: sand ripples, dunes. - Wind deposition landforms: desert, pavements,
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept – 27 Sept	Unit – III - Wind deposition landforms: bajada, barchan and seif. - Dunes classification schemes
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	Unit – III - Dunes classification schemes. - Morpho dynamics of the crescentic dunes.

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Karma

Class- M.Sc. II

Subject- Geography

Paper- M24-GEO-305, Arid Geomorphology

October, 2025 1 st Week 1 Oct – 4 Oct	Unit – III - Morpho dynamics of the longitudinal and complex dunes. Unit – IV - Temporal variability in desert climates
2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2 nd Week 6 Oct - 11 Oct	Unit – IV - Spatial variability in desert climate. - Influence of climate change on desert dynamics.
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3 rd Week 13 Oct - 18 Oct	Unit – IV - Human impacts on aeolian systems (overgrazing) - Human impacts on aeolian systems (deforestation)
19 Oct – 26 Oct	Vacations (Diwali)
5 th Week 27 Oct- 31 Oct	Unit – IV - Human impacts on aeolian systems (mining) - Desertification.

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Karma

Class- M.Sc. II

Subject- Geography

Paper- M24-GEO-305, Arid Geomorphology

November, 2025 1 st Week 1 Nov, 2025 2 Nov, 2025	Haryana Day Sunday
2 nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3 rd Week 10 Nov - 15 Nov	Unit – IV Desertification and its controls with special reference to India.
16 Nov, 2025	Sunday
4 th Week 17 Nov - 22 Nov	Revision
23 Nov, 2025	Sunday
5 th Week 24 November, 2025 Onwards	University Examinations

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Muskan

Class- M.Sc. II

Subject- Geography

Paper- M24-GEO-307, Urban Geography

July, 2025 4 th Week 22 July – 26 July	Unit - I • Urban Geography • Concepts in Urban Geography • Approaches of Urban Geography
27 July, 2025	Sunday
5 th Week 28 July – 30 July	Unit – I • Scope of Urban Geography • Nature of Urban Geography
31 July	Shaheed Udham Singh Martyrdom Day

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Muskan

Class- M.Sc. II

Subject- Geography

Paper- M24-GEO-307, Urban Geography

August, 2025 1 st Week 1 Aug – 2 Aug	Unit – I • Origin and Evolution of towns of towns • Factors of urban growth • Theories of urban origins
3 Aug, 2025	Sunday
2 nd Week 4 Aug – 8 Aug	Unit – I • Trends and patterns of urbanization • Cycle of urbanization Unit – II • Economic base of cities: concept.
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
3 rd Week 11 Aug - 14 Aug	Unit – II • Employment ratio. • Functional classification of cities: concepts • Scheme of classification
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
4 th Week 18 Aug - 23 Aug	Unit – II • Rural Urban Fringe: structural characteristics • City and Region:- influence and dominance • SEZ:- Concept and policies and consequences
24 Aug, 2025	Sunday
5 th Week 25 Aug - 30 Aug	Unit – III • Urban morphology and land use structure Introduction • Concentric Zone Model by E.W. Burgess
31 Aug, 2025	Sunday

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Muskan

Class- M.Sc. II

Subject- Geography

Paper- M24-GEO-307, Urban Geography

September, 2025 1 st Week 1 Sept – 6 Sept	Unit – III - Sector Model by Homer Hoyt - Multiple nuclei model by Harris and Ullman
7 Sept, 2025	Sunday
2 nd Week 8 Sept – 13 Sept	Unit – III - Kearsley modification of Burgess model - Mann's model of midsize British city - White's model of 21st century - Vance's urban realms model
14 Sept, 2025	Sunday
3 rd Week 15 Sept – 20 Sept	Unit – III - Internal structure of third world cities - Bazar model
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept – 27 Sept	Unit – III - Colonial model of South Asian cities - Model of South East Asian cities
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	Unit – III Model of African cities

**KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN,
KARNAL**

**Lesson Plan for the Odd Semester
(July to November, 2025)**

Name of the Teacher – Ms. Muskan

Class- M.Sc. II

Subject- Geography

Paper- M24-GEO-307, Urban Geography

October, 2025 1 st Week 1 Oct – 4 Oct	Unit – IV • Social Area Analysis • Concept and bases of residential segregation
2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2 nd Week 6 Oct - 11 Oct	Unit – IV • Diffusion theories :- • Bylund theory • Morrill theory
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmudh Jayanti Sunday
3 rd Week 13 Oct - 18 Oct	Unit – IV • Diffusion theories :- • Hudson theory • Vance theory
19 Oct – 26 Oct	Vacations (Diwali)
5 th Week 27 Oct- 31 Oct	Unit – IV • Rank Size rule:- • Concept and its applications

**KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN,
KARNAL**

**Lesson Plan for the Odd Semester
(July to November, 2025)**

Name of the Teacher – Ms. Muskan

Class- M.Sc. II

Subject- Geography

Paper- M24-GEO-307, Urban Geography

November, 2025 1 st Week 1 Nov, 2025 2 Nov, 2025	Haryana Day Sunday
2 nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3 rd Week 10 Nov - 15 Nov	Unit – IV • Law of Primate city • Concept and its applications
16 Nov, 2025	Sunday
4 th Week 17 Nov - 22 Nov	• Revision
23 Nov, 2025	Sunday
5 th Week 24 November, 2025 Onwards	University Examinations

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Karma

Class- M.Sc. II

Subject- Geography

Paper- M24-GEO-312, Political Geography

July, 2025 4 th Week 22 July – 26 July	Unit – I • Nature and scope of political geography. • Development of political geography
27 July, 2025	Sunday
5 th Week 28 July – 30 July	Unit – I • Relationship of political geography with political economy and political sociology.
31 July	Shaheed Udham Singh Martyrdom Day

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Karma

Class- M.Sc. II

Subject- Geography

Paper- M24-GEO-312, Political Geography

August, 2025 1 st Week 1 Aug – 2 Aug	Unit – I Theoretical contribution to political geography: Ratzel and Hartshorne.
3 Aug, 2025	Sunday
2 nd Week 4 Aug – 8 Aug	Unit – II - Theoretical contribution to political geography: Taylor and Harvey. - State: Concept and evolution - Nation.
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
3 rd Week 11 Aug - 14 Aug	Unit – II - Nation State - Organic theory of state.
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
4 th Week 18 Aug - 23 Aug	Unit – II - State and world political order. - Frontiers: concepts, classification and their changing perspective.
24 Aug, 2025	Sunday
5 th Week 25 Aug - 30 Aug	Unit – II - Boundaries: concept, classification and their changing perspective - Colonialism and imperialism.
31 Aug, 2025	Sunday

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Karma

Class- M.Sc. II

Subject- Geography

Paper- M24-GEO-312, Political Geography

September, 2025 1 st Week 1 Sept – 6 Sept	Unit – II Post- colonialism and post colonial theory.
7 Sept, 2025	Sunday
2 nd Week 8 Sept – 13 Sept	Unit – II - Decolonization and neo-colonization. Unit – III - Global strategic views: Mahan and sea power.
14 Sept , 2025	Sunday
3 rd Week 15 Sept – 20 Sept	Unit – III - Global strategic views: Mackinder and heartland, - Global strategic views: Spykman and rimland.
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept – 27 Sept	Unit – III - Global strategic views: Seversky and air power. - S.B Cohen's modal of geo strategic and geo political region.
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	Unit – III Supra-national organizations: EU and NATO.

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Karma
Class- M.Sc. II
Subject- Geography
Paper- M24-GEO-312, Political Geography

October, 2025 1 st Week 1 Oct – 4 Oct	Unit – III Supra-national organizations: ASEAN, SCO, BRICS, BIMSTEC and their geographical significance.
2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2 nd Week 6 Oct - 11 Oct	Unit – IV - India's position in international conflict: role in international law and global diplomacy. - Geopolitical significance of Indo-pacific region
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3 rd Week 13 Oct - 18 Oct	Unit – IV - Quad group; between two worlds India's position in world politics. - Populism; assets of Indian defence.
19 Oct – 26 Oct	Vacations (Diwali)
5 th Week 27 Oct- 31 Oct	Unit – IV - Electoral system and reforms; methods of studying. - Redistricting: Issues and concerns.

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Karma
Class- M.Sc. II
Subject- Geography
Paper- M24-GEO-312, Political Geography

November, 2025 1 st Week 1 Nov, 2025 2 Nov, 2025	Haryana Day Sunday
2 nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3 rd Week 10 Nov - 15 Nov	Unit – IV • Geographical influence in voting • Politico- electoral region of India. • Gerrymandering and electoral abuse in India.
16 Nov, 2025	Sunday
4 th Week 17 Nov - 22 Nov	Unit – IV • Political parties in India and Haryana. • Revision.
23 Nov, 2025	Sunday
5 th Week 24 November, 2025 Onwards	University Examinations

**KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN,
KARNAL**

**Lesson Plan for the Odd Semester
(July to November, 2025)**

Name of the Teacher – Ms. Aarzo

Class – M.Sc. Final Year

Subject – Geography

Paper – M24-GEO-315, Remote sensing and Digital Image Processing

July, 2025 4 th Week 22 July – 26 July	Unit-I • Types of Satellite • Different types of Satellite Data
27 July, 2025	Sunday
5 th Week 28 July – 30 July	Unit-I • Characteristics of Indian remote sensing satellite • Types of data
31 July	Shaheed Udham Singh Martyrdom Day

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Aarzoo

Class – M.Sc. Final Year

Subject – Geography

Paper – M24-GEO-315, Remote sensing and Digital Image Processing

August, 2025 1 st Week 1 Aug – 2 Aug	Unit-I • Interpretation key of satellite imageries
3 Aug, 2025	Sunday
2 nd Week 4 Aug – 8 Aug	Unit-I • Preparation of land use from satellite imageries • Preparation of land cover from satellite imageries
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
3 rd Week 11 Aug - 14 Aug	Unit-II • Geo-referencing • Significance of geo-referencing
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
4 th Week 18 Aug - 23 Aug	Unit-II • Geographic and projected coordinates • Geographic coordinates to toposheets
24 Aug, 2025	Sunday
5 th Week 25 Aug - 30 Aug	Unit-II • Geographic coordinates to maps
31 Aug, 2025	Sunday

**KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN,
KARNAL**

**Lesson Plan for the Odd Semester
(July to November, 2025)**

Name of the Teacher – Ms. Komal

Class – M.Sc. Final Year

Subject – Geography

Paper – M24-GEO-315, Remote sensing and Digital Image Processing

September, 2025 1 st Week 1 Sept – 6 Sept	Unit-II Digital image Pre-processing
7 Sept, 2025	Sunday
2 nd Week 8 Sept – 13 Sept	Unit-II Image enhancement of image
14 Sept, 2025	Sunday
3 rd Week 15 Sept – 20 Sept	Unit-II Sub-set of image
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept – 27 Sept	Unit-II Resolution merge
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	Unit III Spectral Signature Curves.

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Karma

Class – M.Sc. Final Year

Subject – Geography

Paper – M24-GEO-315, Remote sensing and Digital Image Processing

October, 2025 1 st Week 1 Oct – 4 Oct	Unit III • Preparation of FCC. • Comparison of features on true colour, panchromatic and FCC.
2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2 nd Week 6 Oct - 11 Oct	Unit III • Normalized Difference Vegetation Index. • NDVI and its significance.
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3 rd Week 13 Oct - 18 Oct	Unit-IV • Digital classification of satellite data – Introduction • Supervised classification - Demo and Practice
19 Oct – 26 Oct	Vacations (Diwali)
5 th Week 27 Oct- 31 Oct	Unit-IV • Digital classification of satellite data – Introduction • Unsupervised classification – Demo and Practice

**KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN,
KARNAL**

**Lesson Plan for the Odd Semester
(July to November, 2025)**

Name of the Teacher – Ms. Muskan

Class – M.Sc. Final Year

Subject – Geography

Paper – M24-GEO-315, Remote sensing and Digital Image Processing

November, 2025 1 st Week 1 Nov, 2025 2 Nov, 2025	Haryana Day Sunday
2 nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3 rd Week 10 Nov - 15 Nov	Unit-IV • Ground truthing - Introduction • Ground truthing and accuracy of classification – Demo and practice
16 Nov, 2025	Sunday
4 th Week 17 Nov - 22 Nov	• Revision
23 Nov, 2025	Sunday
5 th Week 24 November, 2025 Onwards	University Examinations

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Aarzoo

Class- M.Sc. Final

Subject- Geography

Paper- Geoscience and Society[M24-OEC-318]

July, 2025 4 th Week 22 July – 26 July	UNIT-1 • Introduction to Geo-Science and its various branches • Earth and its place in the solar system
27 July, 2025	Sunday
5 th Week 28 July – 30 July	UNIT-1 • Earth and its place in the solar system
31 July	Shaheed Udham Singh Martyrdom Day

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Aarzoo

Class- M.Sc. Final

Subject- Geography

Paper-- Geoscience and Society[M24-OEC-318]

August, 2025 1 st Week 1 Aug – 2 Aug	UNIT-1 • Origin and structure of Earth
3 Aug, 2025	Sunday
2 nd Week 4 Aug – 8 Aug	UNIT-1 • Geological time scale • Origin and evolution of life through Earth history
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
3 rd Week 11 Aug - 14 Aug	UNIT-1 • Origin and evolution of life through Earth history • Elementary idea of Rocks
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
4 th Week 18 Aug - 23 Aug	UNIT-1 • Elementary idea of Rocks and their types • Rock cycle
24 Aug, 2025	Sunday
5 th Week 25 Aug - 30 Aug	UNIT-1 • Minerals and gemstones
31 Aug, 2025	Sunday

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Aarzoo

Class- M.Sc. Final

Subject- Geography

Paper- - Geoscience and Society[M24-OEC-318]

September, 2025 1 st Week 1 Sept – 6 Sept	UNIT-1 • Elementary idea of various Earth process, continental drift and plate tectonics
7 Sept, 2025	Sunday
2 nd Week 8 Sept – 13 Sept	UNIT-1 • Elementary idea of various Earth process, continental drift and plate tectonics • Orogenic and epeirogenic movement
14 Sept, 2025	Sunday
3 rd Week 15 Sept – 20 Sept	UNIT-2 • Elementary idea of geological considerations in site evaluation of engineering, and construction
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept – 27 Sept	UNIT-2 • Elementary idea of geological considerations in site evaluation of engineering, construction, mining and other geological works
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	UNIT-2 • Environmental changes through the Earth history

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Ms. Aarzoo

Class- M.Sc. Final

Subject- Geography

Paper-- Geoscience and Society[M24-OEC-318]

October, 2025 1 st Week 1 Oct – 4 Oct	UNIT-2 • Environmental changes through the Earth history • Significance of earth resources to mankind and society
2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2 nd Week 6 Oct - 11 Oct	UNIT-2 • Significance of earth resources to mankind and society
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3 rd Week 13 Oct - 18 Oct	UNIT-2 • Hydrological cycle
19 Oct – 26 Oct	Vacations (Diwali)
5 th Week 27 Oct- 31 Oct	UNIT-2 • Hydrological cycle and water budget of an earth

**KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN,
KARNAL**

**Lesson Plan for the Odd Semester
(July to November, 2025)**

Name of the Teacher – Ms. Aarzoo

Class- M.Sc. Final

Subject- Geography

Paper- -- Geoscience and Society[M24-OEC-318]

November, 2025 1 st Week 1 Nov,2025 2 Nov, 2025	Haryana Day Sunday
2 nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3 rd Week 10 Nov - 15 Nov	UNIT-2 Hydrological cycle and water budget of an earth
16 Nov, 2025	Sunday
4 th Week 17 Nov - 22 Nov	REVISION
23 Nov, 2025	Sunday
5 th Week 24 November, 2025 Onwards	University Examinations