

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

Lesson Plan for the Odd Semester (August to December, 2026)

Name of the Teacher – Dr. Kanwaljeet Virdi

Class – B.A. III

Subject – Geography

Paper – Statistical Methods in Geography

August, 2026 1 st Week 1 Aug	• Discussion on Sullabus
2 Aug, 2026	Sunday
2 nd Week 3 Aug – 8 Aug	Unit 1 • Data organization and its type. • Tabulation of nominal, interval and ordinal data • Class interval • Ratios, Rates • Graphical presentation of data
9 Aug, 2026	Sunday
3 rd Week 10 Aug - 14 Aug	Unit II Measures of Central Tendency: Mean, Median, Mode • Meaning and Definition of Statistics • Classification of Statistical Data • Statistical Series
15 Aug, 2026 16 Aug, 2026	Independence Day Sunday
4 th Week 17 Aug - 22 Aug	Unit II Measures of Central Tendency: Mean, Median, Mode contd... • Meaning and Definition of Central Tendency • Types of Statistical Averages • Mathematical Mean
23 Aug, 2026	Sunday
5 th Week 24 Aug - 29 Aug	Unit II Measures of Central Tendency: Mean, Median, Mode contd... • Exercises - Individual Series: Direct Method, Short-cut Method
28 Aug, 2026 30 Aug, 2026	Raksha Bandhan Sunday
31 Aug, 2026	Unit II Measures of Central Tendency: Mean, Median, Mode contd... • Exercises - Discrete Series: Direct Method, Short-cut Method • Exercises - Discrete Series: Step Deviation Method

September, 2026 1 st Week 1 Sept – 5 Sept	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
4 Sept , 2026 6 Sept , 2026	Janmashtmi Sunday
2 nd Week 7 Sept – 12 Sept	Unit II Measures of Central Tendency: Mean, Median, Mode contd... - Median - Exercises - Discrete Series and Continuous Series
13 Sept , 2026	Sunday
3 rd Week 14 Sept – 19 Sept	Unit II Measures of Central Tendency: Mean, Median, Mode contd... - Exercises – Ogive - Mode: Exercises - Individual, Discrete, Continuous Series
20 Sept, 2026	Sunday
4 th Week 21 Sept – 26 Sept	Unit II Measure of Quantile
23 Sept, 2026 27 Sept, 2026	Shaheedi Divas/Haryana War Heroes' Martyrdom Day Sunday
5 th Week 28 Sept – 30 Sept	Unit II - Measure of Decile Unit II - Measure of Percentile

October, 2026 1st Week 1 Oct – 3 Oct	Unit III Measures of Dispersion • Various Methods of Measuring Dispersion
2 Oct, 2026 4 Oct, 2026	Mahatma Gandhi Jayanti Sunday
2nd Week 5 Oct – 10 Oct	Unit III Measures of Dispersion • Range, Quartile Deviation
11 Oct, 2026	Maharaja Agrasen Jayanti, Sunday
3rd Week 12 Oct - 17 Oct	Unit III Measures of Dispersion • Mean Deviation
18 Oct, 2026	Sunday
4th Week 19 Oct – 24 Oct	Unit III Measures of Dispersion • Mean Deviation • Exercises
20 Oct, 2026 25 Oct, 2026 26 Oct, 2026	Dussehra Sunday Maharishi Valmiki Jayanti
5th Week 27 Oct - 31 Oct	Unit III Measures of Dispersion • Standard Deviation

November, 2026 1st Week 1 Nov-9 Nov	Vacations (Diwali)
2nd Week 10 Nov - 14 Nov	Sessional Exams
15 Nov, 2026	Sunday
3rd Week 16 Nov - 21 Nov	Unit III Measures of Dispersion • Standard Deviation • Exercises
22 Nov, 2026	Sunday
4th Week 23 Nov - 28 Nov	Unit IV • Relative measures of deviation • Coefficient of variation • Location Quotient
24 Nov, 2026 29 Nov, 2026	Guru Nanak Dev Jayanti Sunday
5th Week 30 Nov, 2026	Unit IV • Basics of bivariate ○ Scatter Diagram ○ Rank Correlation
December, 2026 1st Week 1 Dec-4 Dec	• Revision
5 Dec, 2026	Preparatory Holidays
2nd Week 7 December, 2026 Onwards	University Examinations

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

Lesson Plan for the Odd Semester (August to December, 2026)

Name of the Teacher – Dr. Kanwaljeet Virdi

Class – B.A. II

Subject – Geography

Paper – Geography of India

August, 2026 1 st Week 1 Aug	• Discussion on Syllabus
2 Aug, 2026	Sunday
2 nd Week 3 Aug – 8 Aug	Unit – I – Physical Division of India • Regional Division of Himalayas ○ The Northern Plains ○ The Peninsular Plateau ○ The Indian Desert ○ The Coastal Plains ○ The Islands
9 Aug, 2026	Sunday
3 rd Week 10 Aug - 14 Aug	Unit – I – Drainage System • The Himalayan Drainage System • The Peninsular Drainage System
15 Aug, 2026 16 Aug, 2026	Independence Day Sunday
4 th Week 17 Aug - 22 Aug	Unit – I – Climate • The Nature of Monsoon • Seasons • Southwest Monsoon Season • Koeppen's Climatic regions
23 Aug, 2026	Sunday
5 th Week 24 Aug - 29 Aug	Unit – I – Soils • Importance and Classification of Soil • Soil Erosion Unit – I – Natural Vegetation • Meaning and Types of Forests
28 Aug, 2026 30 Aug, 2026	Raksha Bandhan Sunday
31 Aug, 2026	Unit – II – Agricultural Crops • Cropping Seasons in India and Cropping Pattern • Major crops - wheat, rice, cotton, sugarcane, tea

September, 2026 1 st Week 1 Sept – 5 Sept	Unit – II – Agricultural Crops cont... • Green Revolution: Meaning and Beginning • Salient Features of Green Revolution • Effects and Demerits of Green Revolution
4 Sept , 2026 6 Sept , 2026	Janmashtmi Sunday
2 nd Week 7 Sept – 12 Sept	Unit – II – Development of Irrigation sources • Means of Irrigation • Irrigations by Canal • Irrigations by tubewell
13 Sept , 2026	Sunday
3 rd Week 14 Sept – 19 Sept	Unit – III – Population • Distribution of Population • Factors affecting distribution of population • Density of Population • Growth of Population
20 Sept, 2026	Sunday
4 th Week 21 Sept – 26 Sept	Unit – III – Population composition • Sex Composition • Types of Rural Settlements
23 Sept, 2026 27 Sept, 2026	Shaheedi Divas/Haryana War Heroes' Martyrdom Day Sunday
5 th Week 28 Sept – 30 Sept	Unit – III – Population composition • Factors determining the types of Rural settlements • Urbanization in India

October, 2026 1st Week 1 Oct – 3 Oct	Unit – III – Population cont... • Literacy in India • Occupational Composition • Language and religion
2 Oct, 2026 4 Oct, 2026	Mahatma Gandhi Jayanti Sunday
2nd Week 5 Oct - 10 Oct	Unit – IV – Resources • Types of resources • Distribution of Iron Ore in India • Distribution of Coal in India
11 Oct, 2026	Maharaja Agrasen Jayanti, Sunday
3rd Week 12 Oct - 17 Oct	Unit – IV – Resources cont... • Distribution of Petroleum in India • Distribution of Hydro power in India
18 Oct, 2026	Sunday
4th Week 19 Oct – 24 Oct	Unit – IV – Resources cont... • Solar energy • Thermal power
20 Oct, 2026 25 Oct, 2026 26 Oct, 2026	Dussehra Sunday Maharishi Valmiki Jayanti
5th Week 27 Oct - 31 Oct	Unit – IV – Industries • Meaning and Importance • Types of Industries Iron and Steel Industry

November, 2026 1st Week 1 Nov-9 Nov	Vacations (Diwali)
2nd Week 10 Nov - 14 Nov	Sessional Exams
15 Nov, 2026	Sunday
3rd Week 16 Nov - 21 Nov	Unit – IV – Industries cont... • Sugar Industry • Cotton textile Unit – IV – Transport and Communication • Water Transport
22 Nov, 2026	Sunday
4th Week 23 Nov - 28 Nov	Unit – IV – Transport and Communication cont... • Air Transport, Oil and Gas Pipelines
24 Nov, 2026 29 Nov, 2026	Guru Nanak Dev Jayanti Sunday
5th Week 30 Nov, 2026	Unit – IV – Transport and Communication cont... • Communication Network
December, 2026 1st Week 1 Dec-4 Dec	• Revision
5 Dec, 2026	Preparatory Holidays
2nd Week 7 December, 2026 Onwards	University Examinations

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

Lesson Plan for the Odd Semester (August to December, 2026)

Name of the Teacher – Ms. Aarzoo

Class – B.A. I

Subject – Geography

Paper – Physical Geography

2 Aug, 2026	Sunday
2 nd Week 3 Aug – 8 Aug	Chapter 1 – Interior of the Earth - Different Interior Layers and their Chemical Composition. Chapter 2 – Geological Time Scale - Origin and Age of the Earth. - Meaning, Purpose - Importance and Time spans.
9 Aug, 2026	Sunday
3 rd Week 10 Aug - 14 Aug	Chapter 3 – Rocks - Meaning and Definition of the Rocks. - Classification of Rocks.
15 Aug, 2026 16 Aug, 2026	Independence Day Sunday
4 th Week 17 Aug - 22 Aug	Chapter 4 - Theory of Isostasy - Meaning, Definition - Proposition of Theory of Isostasy
23 Aug, 2026	Sunday
5 th Week 24 Aug - 29 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.
28 Aug, 2026 30 Aug, 2026	Raksha Bandhan Sunday
31 Aug, 2026	Chapter 6 - Plate Tectonics Basic assumption of Plate Tectonic.

September, 2026 1 st Week 1 Sept – 5 Sept	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.
4 Sept , 2026 6 Sept , 2026	Janmashtmi Sunday
2 nd Week 7 Sept – 12 Sept	Chapter 8 – Weathering • Meaning of Weathering. • Weathering -Physical Weathering.
13 Sept , 2026	Sunday
3 rd Week 14 Sept – 19 Sept	Chapter 8 - Mass Movements and Resultant Landforms • Definition, Factors Affecting Mass Movements. • Types and Importance of Mass Movements.
20 Sept, 2026	Sunday
4 th Week 21 Sept – 26 Sept	Chapter 9 – landforms generated by geomorphic agents (The Work of Rivers and Produced Landforms) • Landforms produced in the River Valley.
23 Sept, 2026 27 Sept, 2026	Shaheedi Divas/Haryana War Heroes' Martyrdom Day Sunday
5 th Week 28 Sept – 30 Sept	Chapter 10 - Underground Water Landforms • Sources of Underground Water. • Work of Underground Water (Erosional Work)

October, 2026 1st Week 1 Oct – 3 Oct	Chapter 11 - The Work of Wind and Aeolian Landforms • Meaning and Area of Operation. • Work of Wind. • Landforms Produced by Wind Erosion.
2 Oct, 2026 4 Oct, 2026	Mahatma Gandhi Jayanti Sunday
2nd Week 5 Oct - 10 Oct	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.
11 Oct, 2026	Maharaja Agrasen Jayanti, Sunday
3rd Week 12 Oct - 17 Oct	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.
18 Oct, 2026	Sunday
4th Week 19 Oct – 24 Oct	Chapter 16 – Atmospheric Pressure and Winds • Air pressure • Vertical and Horizontal distribution of atmospheric pressure.
20 Oct, 2026 25 Oct, 2026 26 Oct, 2026	Dussehra Sunday Maharishi Valmiki Jayanti
5th Week 27 Oct - 31 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.

November, 2026 1st Week 1 Nov-9 Nov	Vacations (Diwali)
2nd Week 10 Nov - 14 Nov	Sessional Exams
15 Nov, 2026	Sunday
3rd Week 16 Nov - 21 Nov	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.
22 Nov, 2026	Sunday
4th Week 23 Nov - 28 Nov	Chapter-17 Atmospheric Humidity and Precipitation • Precipitation • Types of precipitation. • Distribution of rainfall in the world.
24 Nov, 2026 29 Nov, 2026	Guru Nanak Dev Jayanti Sunday
5th Week 30 Nov, 2026	Chapter -18 Surface Configuration of the Ocean floor • Floor of the ocean. • Classification of ocean floor.
December, 2026 1st Week 1 Dec-4 Dec	Chapter- 19 Circulation of the oceanic water • Currents of the Pacific Ocean. • Currents of the Atlantic Ocean. • Currents of the Indian Ocean.
5 Dec, 2026	Preparatory Holidays
2nd Week 7 December, 2026 Onwards	University Examinations

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

Lesson Plan for the Odd Semester (August to December, 2026)

Name of the Teacher – Ms. Aarzoo

Class – B.Sc.-I

Subject – Geography

Paper – Physical Geography of India

2 Aug, 2026	Sunday
2 nd Week 3 Aug – 8 Aug	UNIT –I • Geological History of India: • Geological Time Scale • Regions of India
9 Aug, 2026	Sunday
3 rd Week 10 Aug - 14 Aug	UNIT –I • Physiographic divisions of India: • Northern Mountains
15 Aug, 2026 16 Aug, 2026	Independence Day Sunday
4 th Week 17 Aug - 22 Aug	UNIT –I • Physiographic divisions of India: • Northern Plains • Thar Desert
23 Aug, 2026	Sunday
5 th Week 24 Aug - 29 Aug	UNIT –I • Physiographic divisions of India: • Peninsular Plateau
28 Aug, 2026 30 Aug, 2026	Raksha Bandhan Sunday
31 Aug, 2026	UNIT –I • Physiographic divisions of India: • Coastal Plains and Islands

September, 2026 1 st Week 1 Sept – 5 Sept	UNIT –II • Drainage system and its evolution. • Himalayan river system.
4 Sept , 2026 6 Sept , 2026	Janmashtmi Sunday
2 nd Week 7 Sept – 12 Sept	UNIT –II • Himalayan river system: • Indus River system • Ganga river system • Brahmaputra river system
13 Sept , 2026	Sunday
3 rd Week 14 Sept – 19 Sept	UNIT –II • Peninsular river system.
20 Sept, 2026	Sunday
4 th Week 21 Sept – 26 Sept	UNIT –II • Hydrological Regimes of Himalayan rivers.
23 Sept, 2026 27 Sept, 2026	Shaheedi Divas/Haryana War Heroes' Martyrdom Day Sunday
5 th Week 28 Sept – 30 Sept	UNIT –II • Hydrological Regimes of peninsular rivers.

October, 2026 1st Week 1 Oct – 3 Oct	UNIT –II Hydrological Regimes of peninsular river cont.....
2 Oct, 2026 4 Oct, 2026	Mahatma Gandhi Jayanti Sunday
2nd Week 5 Oct - 10 Oct	UNIT –III - Climate: -Temperature and its distribution. - Air pressure.
11 Oct, 2026	Maharaja Agrasen Jayanti, Sunday
3rd Week 12 Oct - 17 Oct	UNIT –III - Rainfall and its types. - Climate: -affecting factors.
18 Oct, 2026	Sunday
4th Week 19 Oct – 24 Oct	UNIT –III - Monsoon: - circulation, mechanism and its theories. - Basic concepts - Classical Theories (Halley’s thermal concept, Flohn’s Dynamic concept, ITCZ)
20 Oct, 2026 25 Oct, 2026 26 Oct, 2026	Dussehra Sunday Maharishi Valmiki Jayanti
5th Week 27 Oct - 31 Oct	UNIT –III - Monsoon: - circulation, mechanism and its theories. - Modern Theories (Jet Stream theory) - Phases of Monsoon

November, 2026 1 st Week 1 Nov-9 Nov	Vacations (Diwali)
2 nd Week 10 Nov - 14 Nov	Sessional Exams
15 Nov, 2026	Sunday
3 rd Week 16 Nov - 21 Nov	UNIT –IV Natural vegetation: • Classification, distribution and inter-relationships.
22 Nov, 2026	Sunday
4 th Week 23 Nov - 28 Nov	UNIT –IV Natural vegetation: • Classification, distribution and inter-relationships.
24 Nov, 2026 29 Nov, 2026	Guru Nanak Dev Jayanti Sunday
5 th Week 30 Nov, 2026	UNIT –IV Soils: • Classification, distribution and inter-relationships.
December, 2026 1 st Week 1 Dec-4 Dec	• Revision.
5 Dec, 2026	Preparatory Holidays
2 nd Week 7 December, 2026 Onwards	University Examinations

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

Lesson Plan for the Odd Semester (August to December, 2026)

Name of the Teacher – Ms. Kanika

Class – B.Sc. II

Subject – Geography

Paper – Resource Geography of India

August, 2026 1 st Week 1 Aug	Unit –I Agriculture - Factor affecting Indian Agriculture - Environmental factor
2 Aug, 2026	Sunday
2 nd Week 3 Aug – 8 Aug	Unit –I Agriculture - Factor affecting Indian Agriculture - Technological factor - Institutional factor
9 Aug, 2026	Sunday
3 rd Week 10 Aug - 14 Aug	Unit –I Distribution and production of crops Distribution and production of rice
15 Aug, 2026 16 Aug, 2026	Independence Day Sunday
4 th Week 17 Aug - 22 Aug	Unit –I Distribution and production of crops Distribution and production of wheat
23 Aug, 2026	Sunday
5 th Week 24 Aug - 29 Aug	Unit –I Distribution cont... Distribution and production of sugarcane
28 Aug, 2026 30 Aug, 2026	Raksha Bandhan Sunday
31 Aug, 2026	Unit –I Distribution cont... Distribution and production of tea

September, 2026 1 st Week 1 Sept – 5 Sept	Unit – II Water resources • Means of irrigation • Canal irrigation • Tube well irrigation
4 Sept , 2026 6 Sept , 2026	Janmashtmi Sunday
2 nd Week 7 Sept – 12 Sept	Unit – II Water resources cont... • Intensity of Irrigation
13 Sept , 2026	Sunday
3 rd Week 14 Sept – 19 Sept	Unit – II Water resources cont... • Development and management of water resources
20 Sept, 2026	Sunday
4 th Week 21 Sept – 26 Sept	Unit – II Water resources cont... • National water mission and policy
23 Sept, 2026 27 Sept, 2026	Shaheedi Divas/Haryana War Heroes' Martyrdom Day Sunday
5 th Week 28 Sept – 30 Sept	Unit – II Water resources cont... • Jal Shakti Abhiyan

October, 2026 1 st Week 1 Oct – 3 Oct	Unit – III Economic significance of minerals • Production and distribution of iron ore
2 Oct, 2026 4 Oct, 2026	Mahatma Gandhi Jayanti Sunday
2 nd Week 5 Oct - 10 Oct	Unit – III Economic significance of minerals cont... • Production and distribution of Bauxite
11 Oct, 2026	Maharaja Agrasen Jayanti, Sunday
3 rd Week 12 Oct - 17 Oct	Unit – III Production, distribution of Non- Metallic minerals • Non- Metallic minerals • Production and trade of mica • Production and trade of limestone
18 Oct, 2026	Sunday
4 th Week 19 Oct – 24 Oct	Unit – III Production, distribution cont... • Problems of mining industries • Conservation of minerals
20 Oct, 2026 25 Oct, 2026 26 Oct, 2026	Dussehra Sunday Maharishi Valmiki Jayanti
5 th Week 27 Oct - 31 Oct	Unit – IV Energy Resources • Energy resources • Production and distribution of coal • Trade of coal

November, 2026 1st Week 1 Nov-9 Nov	Vacations (Diwali)
2nd Week 10 Nov - 14 Nov	Sessional Exams
15 Nov, 2026	Sunday
3rd Week 16 Nov - 21 Nov	Unit – IV Energy Resources • Production and Distribution of Petroleum • Trade of Petroleum
22 Nov, 2026	Sunday
4th Week 23 Nov - 28 Nov	Unit – IV Energy Resources • Non- conventional energy resources • Solar energy
24 Nov, 2026 29 Nov, 2026	Guru Nanak Dev Jayanti Sunday
5th Week 30 Nov, 2026	Unit – IV Energy Resources cont... • Wind energy • Energy crisis
December, 2026 1st Week 1 Dec-4 Dec	Unit – IV Energy Resources cont... • Conservation of energy resource • Revision
5 Dec, 2026	Preparatory Holidays
2nd Week 7 December, 2026 Onwards	University Examinations

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

Lesson Plan for the Odd Semester (August to December, 2026)

Name of the Teacher – Ms. Karma

Class – M.Sc. II

Subject – Geography

Paper – M24-GEO-301, Geography and Ecosystem

August, 2026 1 st Week 1 Aug	• Discussion of Syllabus
2 Aug, 2026	Sunday
2 nd Week 3 Aug – 8 Aug	Unit – I • Concept of Ecosystem • Types of Ecosystems • Components of Ecosystem
9 Aug, 2026	Sunday
3 rd Week 10 Aug - 14 Aug	Unit – I • Functions of Ecosystem • Ecosystem Approach and its relevance in geography • Energy Flow in Ecosystem • Food Chain
15 Aug, 2026 16 Aug, 2026	Independence Day Sunday
4 th Week 17 Aug - 22 Aug	Unit – I • Food Web • Tropic Levels • Ecological Production
23 Aug, 2026	Sunday
5 th Week 24 Aug - 29 Aug	Unit – I • Ecological Pyramids • Biogeochemical Cycles: Concept
28 Aug, 2026 30 Aug, 2026	Raksha Bandhan Sunday
31 Aug, 2026	Unit – I • Hydrological Cycle

September, 2026 1 st Week 1 Sept – 5 Sept	Unit – I • Carbon Cycle • Oxygen Cycle • Nitrogen Cycle
4 Sept , 2026 6 Sept , 2026	Janmashtmi Sunday
2 nd Week 7 Sept – 12 Sept	Unit – II • Introduction to Biomes • Scheme of Classification
13 Sept , 2026	Sunday
3 rd Week 14 Sept – 19 Sept	Unit – II • Factors affecting the distribution of Biomes • Tropical evergreen Rainforest Biome
20 Sept, 2026	Sunday
4 th Week 21 Sept – 26 Sept	Unit – II • Savana biome • Monsoon biome
23 Sept, 2026 27 Sept, 2026	Shaheedi Divas/Haryana War Heroes' Martyrdom Day Sunday
5 th Week 28 Sept – 30 Sept	Unit – II • Temperate Biome • Marine Biome • Mountain Biome

October, 2026 1st Week 1 Oct – 3 Oct	Unit – II • Mountain Biome • Desert Biome
2 Oct, 2026 4 Oct, 2026	Mahatma Gandhi Jayanti Sunday
2nd Week 5 Oct - 10 Oct	Unit – III • Human- environment relationship • Classification of resources
11 Oct, 2026	Maharaja Agrasen Jayanti, Sunday
3rd Week 12 Oct - 17 Oct	Unit – III • Use and Ecological imbalance with reference to soil and forests resources • Use and Ecological imbalance with reference to energy resources
18 Oct, 2026	Sunday
4th Week 19 Oct – 24 Oct	Unit – III • Concept of Air Pollution • Concept of Water Pollution • Concept of Noise Pollution
20 Oct, 2026 25 Oct, 2026 26 Oct, 2026	Dussehra Sunday Maharishi Valmiki Jayanti
5th Week 27 Oct - 31 Oct	Unit – III • Biodiversity and conservation • Preservation and Conservation of ecosystem through resource management

November, 2026 1st Week 1 Nov-9 Nov	Vacations (Diwali)
2nd Week 10 Nov - 14 Nov	Sessional Exams
15 Nov, 2026	Sunday
3rd Week 16 Nov - 21 Nov	Unit – III • Environment issues: climate change, ozone depletion • Environment issues: global warming, global cooling
22 Nov, 2026	Sunday
4th Week 23 Nov - 28 Nov	Unit – IV • International efforts for environment management and conservation • The Stockholm Conference, The Earth Summit • Kyoto Protocol, Paris declaration and SDGs
24 Nov, 2026 29 Nov, 2026	Guru Nanak Dev Jayanti Sunday
5th Week 30 Nov, 2026	Unit – IV • Environmental policies and Environment legislation in India • Prevention and protection Act: The Wild Life Act
December, 2026 1st Week 1 Dec-4 Dec	Unit – IV • Water Act and Forest Act. • Environment Protection Act. • National Environment Tribunal Act • National Green tribunal Act • Revision
5 Dec, 2026	Preparatory Holidays
2nd Week 7 December, 2026 Onwards	University Examinations

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

Lesson Plan for the Odd Semester (August to December, 2026)

Name of the Teacher – Ms. Aarzoo

Class – - M.Sc. II

Subject –Geography

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

August, 2026 1 st Week 1 Aug	• Discussion of Syllabus
2 Aug, 2026	Sunday
2 nd Week 3 Aug – 8 Aug	UNIT-I • Concept of regional development • Regional disparities
9 Aug, 2026	Sunday
3 rd Week 10 Aug - 14 Aug	UNIT-I • Balanced regional development • Region and its Typology
15 Aug, 2026 16 Aug, 2026	Independence Day Sunday
4 th Week 17 Aug - 22 Aug	UNIT- I • Basis of regionalization in India and their characteristics
23 Aug, 2026	Sunday
5 th Week 24 Aug - 29 Aug	UNIT-II • Theories of regional development; • Trickle Down Theory, Growth Pole Theory
28 Aug, 2026 30 Aug, 2026	Raksha Bandhan Sunday
31 Aug, 2026	UNIT-II • Theories of regional development; • Growth Pole Theory

September, 2026 1 st Week 1 Sept – 5 Sept	UNIT-II • Theories of regional development; • Cumulative Causation Model, Core-Periphery Theory
4 Sept , 2026 6 Sept , 2026	Janmashtmi Sunday
2 nd Week 7 Sept – 12 Sept	UNIT-II • Concept of sustainable development, • Inclusive Development. • Eco-feminism
13 Sept , 2026	Sunday
3 rd Week 14 Sept – 19 Sept	UNIT-III • Development and regional disparities in India since independence; • Disparities in Agricultural Development
20 Sept, 2026	Sunday
4 th Week 21 Sept – 26 Sept	UNIT-III • Development and regional disparities in India since independence; • Disparities in Industrial Development
23 Sept, 2026 27 Sept, 2026	Shaheedi Divas/Haryana War Heroes' Martyrdom Day Sunday
5 th Week 28 Sept – 30 Sept	UNIT-III • Development and regional disparities in India since independence; • Disparities in Industrial Development

October, 2026 1st Week 1 Oct – 3 Oct	UNIT-III • Disparities in human resource development in terms of • Poverty • Education and • Health
2 Oct, 2026 4 Oct, 2026	Mahatma Gandhi Jayanti Sunday
2nd Week 5 Oct - 10 Oct	UNIT-III • Disparities in human resource development in terms of • Poverty • Education and • Health
11 Oct, 2026	Maharaja Agrasen Jayanti, Sunday
3rd Week 12 Oct - 17 Oct	UNIT-IV • India through planned Era with special reference to... • Tribal Area development plan
18 Oct, 2026	Sunday
4th Week 19 Oct – 24 Oct	UNIT-IV • India through planned Era with special reference to; • Desert, • Drought prone and • Backward area development plan
20 Oct, 2026 25 Oct, 2026 26 Oct, 2026	Dussehra Sunday Maharishi Valmiki Jayanti
5th Week 27 Oct - 31 Oct	UNIT-IV • India through planned Era with special reference to; • Drought prone and • Backward area development plan

November, 2026 1st Week 1 Nov-9 Nov	Vacations (Diwali)
2nd Week 10 Nov - 14 Nov	Sessional Exams
15 Nov, 2026	Sunday
3rd Week 16 Nov - 21 Nov	UNIT-IV • India through planned Era with special reference to; • Command area development Programme
22 Nov, 2026	Sunday
4th Week 23 Nov - 28 Nov	UNIT-IV • Niti Aayog; aims and objectives
24 Nov, 2026 29 Nov, 2026	Guru Nanak Dev Jayanti Sunday
5th Week 30 Nov, 2026	UNIT-IV • Urban planning in India with special reference to National Capital Region
December, 2026 1st Week 1 Dec-4 Dec	• Revision
5 Dec, 2026	Preparatory Holidays
2nd Week 7 December, 2026 Onwards	University Examinations

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

Lesson Plan for the Odd Semester (August to December, 2026)

Name of the Teacher – Ms. Karma

Class- M.Sc. II

Subject- Geography

Paper- M24-GEO-305, Arid Geomorphology

August, 2026 1 st Week 1 Aug	• Discussion of Syllabus
2 Aug, 2026	Sunday
2 nd Week 3 Aug – 8 Aug	Unit – I • Definition, nature and scope of arid geomorphology • Nature and properties of wind as a geomorphic agent
9 Aug, 2026	Sunday
3 rd Week 10 Aug - 14 Aug	Unit – I • Global distribution of deserts and arid region
15 Aug, 2026 16 Aug, 2026	Independence Day Sunday
4 th Week 17 Aug - 22 Aug	Unit – I • Importance of studying arid region in the context of global environmental change
23 Aug, 2026	Sunday
5 th Week 24 Aug - 29 Aug	Unit – II • Wind erosion and landforms • Wind erosion and landforms: processes, abrasion and deflation and aerodynamic erosion
28 Aug, 2026 30 Aug, 2026	Raksha Bandhan Sunday
31 Aug, 2026	Unit – II • Wind erosional landforms; yardangs, ventifacts, pans and stone pavements

September, 2026 1 st Week 1 Sept – 5 Sept	Unit – II • Wind erosional landforms: deflation hollows, desert varnish: processes and significance • Dust sources: contemporary and proximal mineral composition
4 Sept , 2026 6 Sept , 2026	Janmashtmi Sunday
2 nd Week 7 Sept – 12 Sept	Unit – II • Dust- generating and dust yielding systems • Gross spatial patterns of production and removal
13 Sept , 2026	Sunday
3 rd Week 14 Sept – 19 Sept	Unit – II • Dust- generating and dust yielding systems and it's paleo-environmental significance
20 Sept, 2026	Sunday
4 th Week 21 Sept – 26 Sept	Unit – III • Factors and processes influencing wind deposition • Wind deposition landforms: loess deposits
23 Sept, 2026 27 Sept, 2026	Shaheedi Divas/Haryana War Heroes' Martyrdom Day Sunday
5 th Week 28 Sept – 30 Sept	Unit – III • Wind deposition landforms: sand ripples, dunes • Wind deposition landforms: desert, pavements

October, 2026 1st Week 1 Oct – 3 Oct	Unit – III • Wind deposition landforms: bajada, barchan and seif. • Dunes classification schemes
2 Oct, 2026 4 Oct, 2026	Mahatma Gandhi Jayanti Sunday
2nd Week 5 Oct - 10 Oct	Unit – III • Dunes classification schemes • Morpho dynamics of the crescentic dunes
11 Oct, 2026	Maharaja Agrasen Jayanti, Sunday
3rd Week 12 Oct - 17 Oct	Unit – III • Morpho dynamics of the longitudinal and complex dunes Unit – IV • Temporal variability in desert climates
18 Oct, 2026	Sunday
4th Week 19 Oct – 24 Oct	Unit – IV • Spatial variability in desert climate. • Influence of climate change on desert dynamics
20 Oct, 2026 25 Oct, 2026 26 Oct, 2026	Dussehra Sunday Maharishi Valmiki Jayanti
5th Week 27 Oct - 31 Oct	Unit – IV • Human impacts on aeolian systems (overgrazing) • Human impacts on aeolian systems (deforestation)

November, 2026 1st Week 1 Nov-9 Nov	Vacations (Diwali)
2nd Week 10 Nov - 14 Nov	Sessional Exams
15 Nov, 2026	Sunday
3rd Week 16 Nov - 21 Nov	Unit – IV Human impacts on aeolian systems (continue)
22 Nov, 2026	Sunday
4th Week 23 Nov - 28 Nov	Unit – IV - Human impacts on aeolian systems (mining) - Desertification
24 Nov, 2026 29 Nov, 2026	Guru Nanak Dev Jayanti Sunday
5th Week 30 Nov, 2026	Unit – IV Desertification and its controls with special reference to India
December, 2026 1st Week 1 Dec-4 Dec	Revision
5 Dec, 2026	Preparatory Holidays
2nd Week 7 December, 2026 Onwards	University Examinations

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

Lesson Plan for the Odd Semester (August to December, 2026)

Name of the Teacher – Dr. Jyoti

Class – M.Sc. II

Subject – Geography

Paper – M24-GEO-307 (Urban Geography)

August, 2026 1 st Week 1 Aug	• Discussion of Syllabus
2 Aug, 2026	Sunday
2 nd Week 3 Aug – 8 Aug	Unit - I • Concepts in Urban Geography • Approaches of Urban Geography • Scope of Urban Geography
9 Aug, 2026	Sunday
3 rd Week 10 Aug - 14 Aug	Unit – I • Nature of Urban Geography • Origin and Evolution of Towns • Factors of Urban Growth
15 Aug, 2026 16 Aug, 2026	Independence Day Sunday
4 th Week 17 Aug - 22 Aug	Unit – I • Theories of Urban Origins • Trends and Patterns of Urbanization • Cycle of Urbanization
23 Aug, 2026	Sunday
5 th Week 24 Aug - 29 Aug	Unit – II • Economic Base of Cities: Concept. • Employment Ratio.
28 Aug, 2026 30 Aug, 2026	Raksha Bandhan Sunday
31 Aug, 2026	Unit – II • Scheme of Functional Classification: Auroousseau, Harris

September, 2026 1 st Week 1 Sept – 5 Sept	Unit - II • Scheme of Functional Classification: Nelson, Alexander • Rural Urban Fringe: Structural Characteristics and its Development
4 Sept , 2026 6 Sept , 2026	Janmashtmi Sunday
2 nd Week 7 Sept – 12 Sept	Unit – II • City and Region: Influence and Dominance • Methods of Delimitation of Area of Influence and Dominance
13 Sept , 2026	Sunday
3 rd Week 14 Sept – 19 Sept	Unit – II • SEZ: Concept and Policies and Consequences Unit – III • Urban Morphology and Land Use Structure Introduction • Concentric Zone Model by E.W. Burgess
20 Sept, 2026	Sunday
4 th Week 21 Sept – 26 Sept	Unit – III • Sector Model by Homer Hoyt • Multiple Nuclei Model by Harris and Ullman
23 Sept, 2026 27 Sept, 2026	Shaheedi Divas/Haryana War Heroes' Martyrdom Day Sunday
5 th Week 28 Sept – 30 Sept	Unit – III • Kersley Modification of Burgess Model

October, 2026 1st Week 1 Oct – 3 Oct	Unit – III • Mann’s Model of Midsize British City • White’s Model of 21st Century
2 Oct, 2026 4 Oct, 2026	Mahatma Gandhi Jayanti Sunday
2nd Week 5 Oct - 10 Oct	Unit – III • Vance’s Urban Realms Model • Internal Structure of Third World Cities • Bazar Model • Colonial model of South Asian cities
11 Oct, 2026	Maharaja Agrasen Jayanti, Sunday
3rd Week 12 Oct - 17 Oct	Unit – III • Model of South East Asian cities • Model of African cities
18 Oct, 2026	Sunday
4th Week 19 Oct – 24 Oct	Unit – III • Social Area Analysis • Concept and bases of residential segregation
20 Oct, 2026 25 Oct, 2026 26 Oct, 2026	Dussehra Sunday Maharishi Valmiki Jayanti
5th Week 27 Oct - 31 Oct	Unit – IV • Diffusion theories: • Hudson theory • Vance theory

November, 2026 1st Week 1 Nov-9 Nov	Vacations (Diwali)
2nd Week 10 Nov - 14 Nov	Sessional Exams
15 Nov, 2026	Sunday
3rd Week 16 Nov - 21 Nov	Unit – IV • Diffusion theories: • Bylund theory • Morrill theory
22 Nov, 2026	Sunday
4th Week 23 Nov - 28 Nov	Unit – IV • Rank Size rule: • Concept and its applications
24 Nov, 2026 29 Nov, 2026	Guru Nanak Dev Jayanti Sunday
5th Week 30 Nov, 2026	Unit – IV • Law of Primate city • Concept and its applications
December, 2026 1st Week 1 Dec-4 Dec	• Revision
5 Dec, 2026	Preparatory Holidays
2nd Week 7 December, 2026 Onwards	University Examinations

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

Lesson Plan for the Odd Semester (August to December, 2026)

Name of the Teacher – Ms. Karma

Class – - M.Sc. II

Subject –Geography

Paper – M24-GEO-312, Political Geography

August, 2026 1 st Week 1 Aug	• Discussion of Syllabus
2 Aug, 2026	Sunday
2 nd Week 3 Aug – 8 Aug	Unit – I • Nature and scope of political geography • Development of political geography
9 Aug, 2026	Sunday
3 rd Week 10 Aug - 14 Aug	Unit – I • Relationship of political geography with political economy and political sociology • Theoretical contribution to political geography: Ratzel and Hartshorne
15 Aug, 2026 16 Aug, 2026	Independence Day Sunday
4 th Week 17 Aug - 22 Aug	Unit – II • Theoretical contribution to political geography • Taylor and Harvey • State: Concept and evolution • Nation
23 Aug, 2026	Sunday
5 th Week 24 Aug - 29 Aug	Unit – II • Nation State • Organic theory of state
28 Aug, 2026 30 Aug, 2026	Raksha Bandhan Sunday
31 Aug, 2026	Unit – II • State and world political order

September, 2026 1 st Week 1 Sept – 5 Sept	Unit – II • State and world political order • Frontiers: concepts, classification and their changing perspective
4 Sept , 2026 6 Sept , 2026	Janmashtmi Sunday
2 nd Week 7 Sept – 12 Sept	Unit – II • Boundaries: concept, classification and their changing perspective • Colonialism and imperialism
13 Sept , 2026	Sunday
3 rd Week 14 Sept – 19 Sept	Unit – II • Post- colonialism and post colonial theory
20 Sept, 2026	Sunday
4 th Week 21 Sept – 26 Sept	Unit – II • Decolonization and neo-colonization Unit – III • Global strategic views: Mahan and sea power
23 Sept, 2026 27 Sept, 2026	Shaheedi Divas/Haryana War Heroes' Martyrdom Day Sunday
5 th Week 28 Sept – 30 Sept	Unit – III • Global strategic views: Mackinder and heartland • Global strategic views: Spykman and Rimland

October, 2026 1st Week 1 Oct – 3 Oct	Unit – III • Global strategic views: Seversky and air power • S.B Cohen’s modal of geo strategic and geo political region
2 Oct, 2026 4 Oct, 2026	Mahatma Gandhi Jayanti Sunday
2nd Week 5 Oct - 10 Oct	Unit – III • Supra-national organizations: EU and NATO
11 Oct, 2026	Maharaja Agrasen Jayanti, Sunday
3rd Week 12 Oct - 17 Oct	Unit – III • Supra-national organizations: ASEAN, SCO, BRICS, BIMSTEC and their geographical significance
18 Oct, 2026	Sunday
4th Week 19 Oct – 24 Oct	Unit – IV • India’s position in international conflict: role in international law and global diplomacy • Geopolitical significance of Indo-pacific region
20 Oct, 2026 25 Oct, 2026 26 Oct, 2026	Dussehra Sunday Maharishi Valmiki Jayanti
5th Week 27 Oct - 31 Oct	Unit – IV • Quad group; between two worlds India’s position in world politics. • Populism; assets of Indian defence.

November, 2026 1st Week 1 Nov-9 Nov	Vacations (Diwali)
2nd Week 10 Nov - 14 Nov	Sessional Exams
15 Nov, 2026	Sunday
3rd Week 16 Nov - 21 Nov	Unit – IV • Electoral system and reforms; methods of studying. • Redistricting: Issues and concerns
22 Nov, 2026	Sunday
4th Week 23 Nov - 28 Nov	Unit – IV • Geographical influence in voting • Politico- electoral region of India
24 Nov, 2026 29 Nov, 2026	Guru Nanak Dev Jayanti Sunday
5th Week 30 Nov, 2026	Unit – IV • Gerrymandering and electoral abuse in India • Political parties in India and Haryana
December, 2026 1st Week 1 Dec-4 Dec	• Revision
5 Dec, 2026	Preparatory Holidays
2nd Week 7 December, 2026 Onwards	University Examinations

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

Lesson Plan for the Odd Semester (August to December, 2026)

Name of the Teacher – Dr. Jyoti

Class – M.Sc. II

Subject – Geography

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

2 Aug, 2026	Sunday
2 nd Week 3 Aug – 8 Aug	Unit-I • Types of Satellite • Different types of Satellite Data
9 Aug, 2026	Sunday
3 rd Week 10 Aug - 14 Aug	Unit-I • Characteristics of Indian Remote Sensing Satellite • Types of Data
15 Aug, 2026 16 Aug, 2026	Independence Day Sunday
4 th Week 17 Aug - 22 Aug	Unit-I • Interpretation Key of Satellite Imageries
23 Aug, 2026	Sunday
5 th Week 24 Aug - 29 Aug	Unit-I • Preparation of Land Use from Satellite Imageries • Preparation of Land Cover from Satellite Imageries
28 Aug, 2026 30 Aug, 2026	Raksha Bandhan Sunday
31 Aug, 2026	Unit-II • Geo-referencing

September, 2026 1 st Week 1 Sept – 5 Sept	Unit-II • Significance of Geo-referencing • Geographic and Projected Coordinates
4 Sept , 2026 6 Sept , 2026	Janmashtmi Sunday
2 nd Week 7 Sept – 12 Sept	Unit-II • Geographic Coordinates to Toposheets • Geographic Coordinates to Maps
13 Sept , 2026	Sunday
3 rd Week 14 Sept – 19 Sept	Unit-II • Digital Image Pre-processing
20 Sept, 2026	Sunday
4 th Week 21 Sept – 26 Sept	Unit-II • Image Enhancement of Image
23 Sept, 2026 27 Sept, 2026	Shaheedi Divas/Haryana War Heroes' Martyrdom Day Sunday
5 th Week 28 Sept – 30 Sept	Unit-II • Sub-set of Image

October, 2026 1st Week 1 Oct – 3 Oct	Unit-II • Resolution merge
2 Oct, 2026 4 Oct, 2026	Mahatma Gandhi Jayanti Sunday
2nd Week 5 Oct - 10 Oct	Unit-III • Spectral Signature Curves
11 Oct, 2026	Maharaja Agrasen Jayanti, Sunday
3rd Week 12 Oct - 17 Oct	Unit-III • Preparation of FCC • Comparison of features on true color, panchromatic and FCC
18 Oct, 2026	Sunday
4th Week 19 Oct – 24 Oct	Unit-III • Normalized Difference Vegetation Index. • NDVI and its significance.
20 Oct, 2026 25 Oct, 2026 26 Oct, 2026	Dussehra Sunday Maharishi Valmiki Jayanti
5th Week 27 Oct - 31 Oct	Unit-IV • Digital classification of satellite data – Introduction • Supervised classification - Demo and Practice

November, 2026 1st Week 1 Nov-9 Nov	Vacations (Diwali)
2nd Week 10 Nov - 14 Nov	Sessional Exams
15 Nov, 2026	Sunday
3rd Week 16 Nov - 21 Nov	Unit-IV • Digital classification of satellite data – Introduction • Unsupervised classification – Demo and Practice
22 Nov, 2026	Sunday
4th Week 23 Nov - 28 Nov	Unit-IV • Ground truthing - Introduction • Ground truthing and accuracy of classification – Demo and practice
24 Nov, 2026 29 Nov, 2026	Guru Nanak Dev Jayanti Sunday
5th Week 30 Nov, 2026	• Revision
December, 2026 1st Week 1 Dec-4 Dec	• Revision
5 Dec, 2026	Preparatory Holidays
2nd Week 7 December, 2026 Onwards	University Examinations

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

Lesson Plan for the Odd Semester (August to December, 2026)

Name of the Teacher – Ms. Aarzoo

Class – - M.Sc. II

Subject –Geography

Paper – M24-OEC-318, Geoscience and Society

2 Aug, 2026	Sunday
2 nd Week 3 Aug – 8 Aug	UNIT-I • Introduction to Geo-Science and its various branches • Earth and its place in the solar system
9 Aug, 2026	Sunday
3 rd Week 10 Aug - 14 Aug	UNIT-I • Earth and its place in the solar system • Origin and structure of Earth
15 Aug, 2026 16 Aug, 2026	Independence Day Sunday
4 th Week 17 Aug - 22 Aug	UNIT-I • Origin and structure of Earth
23 Aug, 2026	Sunday
5 th Week 24 Aug - 29 Aug	UNIT-I • Geological time scale • Origin and evolution of life through Earth history
28 Aug, 2026 30 Aug, 2026	Raksha Bandhan Sunday
31 Aug, 2026	UNIT-I • Origin and evolution of life through Earth history

September, 2026 1 st Week 1 Sept – 5 Sept	UNIT-I • Origin and evolution of life through Earth history • Elementary idea of Rocks
4 Sept , 2026 6 Sept , 2026	Janmashtmi Sunday
2 nd Week 7 Sept – 12 Sept	UNIT-I • Elementary idea of Rocks and their types • Rock cycle
13 Sept , 2026	Sunday
3 rd Week 14 Sept – 19 Sept	UNIT-I • Minerals and gemstones • Elementary idea of various Earth process
20 Sept, 2026	Sunday
4 th Week 21 Sept – 26 Sept	UNIT-I • Elementary idea of various Earth process, • Continental drift and • Plate tectonics
23 Sept, 2026 27 Sept, 2026	Shaheedi Divas/Haryana War Heroes' Martyrdom Day Sunday
5 th Week 28 Sept – 30 Sept	UNIT-I • Elementary idea of various Earth process, • Plate tectonics

October, 2026 1st Week 1 Oct – 3 Oct	UNIT-I • Elementary idea of various Earth process, • Continental drift and • Plate tectonics • Orogenic and Epeirogenic movement
2 Oct, 2026 4 Oct, 2026	Mahatma Gandhi Jayanti Sunday
2nd Week 5 Oct - 10 Oct	UNIT-II • Elementary idea of geological considerations in site evaluation of Engineering, and Construction
11 Oct, 2026	Maharaja Agrasen Jayanti, Sunday
3rd Week 12 Oct - 17 Oct	UNIT-II • Elementary idea of geological considerations in site evaluation of Engineering, Construction, Mining and other geological works
18 Oct, 2026	Sunday
4th Week 19 Oct – 24 Oct	UNIT-II • Environmental changes through the Earth history • Significance of earth resources to mankind and society
20 Oct, 2026 25 Oct, 2026 26 Oct, 2026	Dussehra Sunday Maharishi Valmiki Jayanti
5th Week 27 Oct - 31 Oct	UNIT-II • Environmental changes through the Earth history • Significance of earth resources to mankind and society

November, 2026 1st Week 1 Nov-9 Nov	Vacations (Diwali)
2nd Week 10 Nov - 14 Nov	Sessional Exams
15 Nov, 2026	Sunday
3rd Week 16 Nov - 21 Nov	UNIT-II • Significance of earth resources to mankind and society
22 Nov, 2026	Sunday
4th Week 23 Nov - 28 Nov	UNIT-II • Hydrological cycle
24 Nov, 2026 29 Nov, 2026	Guru Nanak Dev Jayanti Sunday
5th Week 30 Nov, 2026	UNIT-II • Hydrological cycle and water budget of an earth
December, 2026 1st Week 1 Dec-4 Dec	• Revision
5 Dec, 2026	Preparatory Holidays
2nd Week 7 December, 2026 Onwards	University Examinations

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

Lesson Plan for the Odd Semester (August to December, 2026)

Name of the Teacher – Ms. Karma

Class – M.Sc. I

Subject – Geography

Paper – M24-GEO-101, Geography and Climate

September, 2026 1 st Week 1 Sept – 5 Sept	Unit – I • Definition of weather and climate: Climatology and Meteorology • Origin, Composition and Structure of Atmosphere • Solar radiation, Greenhouse Effect • Heat Budget
4 Sept , 2026 6 Sept , 2026	Janmashtmi Sunday
2 nd Week 7 Sept – 12 Sept	Unit – II • Atmospheric pressure: Distribution pattern of Atmospheric Pressure • General circulation of winds • Planetary winds, Walker circulation- ENSO and La Nina • Origin of Monsoons and Jet Streams
13 Sept , 2026	Sunday
3 rd Week 14 Sept – 19 Sept	Unit – II • Origin of Monsoons and Jet Stream • Land Breezes and Sea Breezes • Local winds • Atmospheric Moisture
20 Sept, 2026	Sunday
4 th Week 21 Sept – 26 Sept	Unit – II • Concept of Humidity • Concept of Evaporation • Condensation and forms of Condensation • Concept of Clouds and their types
23 Sept, 2026 27 Sept, 2026	Shaheedi Divas/Haryana War Heroes' Martyrdom Day Sunday
5 th Week 28 Sept – 30 Sept	Unit – III • Precipitation: Concept • Types of Precipitation • Theories of Precipitation

October, 2026 1st Week 1 Oct – 3 Oct	Unit – II • Stability and instability of atmosphere • Air masses Concept • Types of Air masses
2 Oct, 2026 4 Oct, 2026	Mahatma Gandhi Jayanti Sunday
2nd Week 5 Oct - 10 Oct	Unit – III • Fronts Concept • Types of Fronts
11 Oct, 2026	Maharaja Agrasen Jayanti, Sunday
3rd Week 12 Oct - 17 Oct	Unit – III • Weather systems • Extra tropical Cyclones • Tropical cyclones
18 Oct, 2026	Sunday
4th Week 19 Oct – 24 Oct	Unit – IV • Climatic classification • Bases of climatic classification by Koeppen
20 Oct, 2026 25 Oct, 2026 26 Oct, 2026	Dussehra Sunday Maharishi Valmiki Jayanti
5th Week 27 Oct - 31 Oct	Unit – IV • Bases of climatic classification by Trewartha • Bases of climatic classification by Thornthwaite

November, 2026 1st Week 1 Nov-9 Nov	Vacations (Diwali)
2nd Week 10 Nov - 14 Nov	Sessional Exams
15 Nov, 2026	Sunday
3rd Week 16 Nov - 21 Nov	Unit – IV • Bases of climatic classification by Trewartha • Bases of climatic classification by Thornthwaite
22 Nov, 2026	Sunday
4th Week 23 Nov - 28 Nov	Unit – IV • Climatic change Concept • Evidences of Climate Change and its explanation
24 Nov, 2026 29 Nov, 2026	Guru Nanak Dev Jayanti Sunday
5th Week 30 Nov, 2026	Unit – IV • Global warming and its impacts
December, 2026 1st Week 1 Dec-4 Dec	Unit – IV • Revision
5 Dec, 2026	Preparatory Holidays
2nd Week 7 December, 2026 Onwards	University Examinations

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

Lesson Plan for the Odd Semester (August to December, 2026)

Name of the Teacher – Dr. Jyoti

Class – M.Sc. I

Subject – Geography

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

September, 2026 1 st Week 1 Sept – 5 Sept	UNIT-I - History and development in geomorphology - Fundamental concepts in geomorphology
4 Sept , 2026 6 Sept , 2026	Janmashtmi Sunday
2 nd Week 7 Sept – 12 Sept	UNIT-I - Fundamental concept in geomorphology - Convection current theory - Sea floor spreading
13 Sept , 2026	Sunday
3 rd Week 14 Sept – 19 Sept	UNIT-I - Paleomagnetism - Continental drift theory - Plate tectonics
20 Sept, 2026	Sunday
4 th Week 21 Sept – 26 Sept	UNIT-II - Weathering and mass wasting - Process, factors, types, and its product
23 Sept, 2026 27 Sept, 2026	Shaheedi Divas/Haryana War Heroes' Martyrdom Day Sunday
5 th Week 28 Sept – 30 Sept	Unit-II Slope Processes: Hill slopes, Pediments and gullies

October, 2026 1 st Week 1 Oct – 3 Oct	Unit-II Theories of Slope Development
2 Oct, 2026 4 Oct, 2026	Mahatma Gandhi Jayanti Sunday
2 nd Week 5 Oct - 10 Oct	Unit-III - Fluvial: Nature, Processes and Landforms - Glacial: Nature, Processes and Landforms
11 Oct, 2026	Maharaja Agrasen Jayanti, Sunday
3 rd Week 12 Oct - 17 Oct	Unit-III - Aeolian: Nature, Processes and Landforms - Wave: Nature, Processes and Landforms
18 Oct, 2026	Sunday
4 th Week 19 Oct – 24 Oct	Unit-III - Karst: Nature, Processes and Landforms - Introduction to Geomorphic Hazards
20 Oct, 2026 25 Oct, 2026 26 Oct, 2026	Dussehra Sunday Maharishi Valmiki Jayanti
5 th Week 27 Oct - 31 Oct	Unit-III - Earthquakes, volcanoes, flood - Tsunami and snow avalanches

November, 2026 1st Week 1 Nov-9 Nov	Vacations (Diwali)
2nd Week 10 Nov - 14 Nov	Sessional Exams
15 Nov, 2026	Sunday
3rd Week 16 Nov - 21 Nov	Unit-III • Geomorphic Hazards: Processes and Management • Earthquakes, Volcanoes, Floods
22 Nov, 2026	Sunday
4th Week 23 Nov - 28 Nov	Unit-III • Geomorphic Hazards: Processes and Management • Tsunamis and Snow avalanches
24 Nov, 2026 29 Nov, 2026	Guru Nanak Dev Jayanti Sunday
5th Week 30 Nov, 2026	Unit-IV • Applied Geomorphology: meaning and concept • Role of geomorphology in environmental management
December, 2026 1st Week 1 Dec-4 Dec	Unit-IV • Application of geomorphology in groundwater and infrastructure • Revision
5 Dec, 2026	Preparatory Holidays
2nd Week 7 December, 2026 Onwards	University Examinations

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

Lesson Plan for the Odd Semester (August to December, 2026)

Name of the Teacher – Ms. Kanika

Class – M.Sc. I

Subject – Geography

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

September, 2026 1 st Week 1 Sept – 5 Sept	Unit I • Geographical approach to economy • Space, Place and scale
4 Sept , 2026 6 Sept , 2026	Janmashtmi Sunday
2 nd Week 7 Sept – 12 Sept	Unit I • Concepts in economic geography • Economic Man • Goods and services
13 Sept , 2026	Sunday
3 rd Week 14 Sept – 19 Sept	Unit I • Production • Exchange and Consumption
20 Sept, 2026	Sunday
4 th Week 21 Sept – 26 Sept	Unit I • Consumption process • Significance of consumption economy
23 Sept, 2026 27 Sept, 2026	Shaheedi Divas/Haryana War Heroes' Martyrdom Day Sunday
5 th Week 28 Sept – 30 Sept	Unit I • Spaces of consumption • Street, mall and parks

October, 2026 1st Week 1 Oct – 3 Oct	Unit II • World economics: Bases of classification • Patterns and characteristics of developed and developing economies of the world
2 Oct, 2026 4 Oct, 2026	Mahatma Gandhi Jayanti Sunday
2nd Week 5 Oct - 10 Oct	Unit II • Economic development • Meaning • Evolution • Goals
11 Oct, 2026	Maharaja Agrasen Jayanti, Sunday
3rd Week 12 Oct - 17 Oct	Unit II • Measures, patterns, problems • Stages of economic development (Classical and contemporary: Rostow's, Romer's models)
18 Oct, 2026	Sunday
4th Week 19 Oct – 24 Oct	Unit III • Network structure • Economic activities • Impact of transport on economic activities
20 Oct, 2026 25 Oct, 2026 26 Oct, 2026	Dussehra Sunday Maharishi Valmiki Jayanti
5th Week 27 Oct - 31 Oct	Unit III • Spatial variation in production and transport cost • Location models:-Weber, Losch.

November, 2026 1st Week 1 Nov-9 Nov	Vacations (Diwali)
2nd Week 10 Nov - 14 Nov	Sessional Exams
15 Nov, 2026	Sunday
3rd Week 16 Nov - 21 Nov	Unit III • Location models: Christaller and Ullman • Globalization • Pattern of Economic Development
22 Nov, 2026	Sunday
4th Week 23 Nov - 28 Nov	Unit IV • Recent trends in pattern of International trade. • Major regional trade blocks of the world.
24 Nov, 2026 29 Nov, 2026	Guru Nanak Dev Jayanti Sunday
5th Week 30 Nov, 2026	Unit IV • Functions and relevance: • GATT • WTO • EU • TRIPS
December, 2026 1st Week 1 Dec-4 Dec	Unit IV • Functions and relevance of OPEC regarding energy crisis in developed countries of the world.
5 Dec, 2026	Preparatory Holidays
2nd Week 7 December, 2026 Onwards	University Examinations

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

Lesson Plan for the Odd Semester (August to December, 2026)

Name of the Teacher – Ms. Kanika

Class – M.Sc. Geography

Subject – Geography

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

September, 2026 1 st Week 1 Sept – 5 Sept	Unit – I • Major physiographic division of India • Himalayan mountain • Great Plain • Peninsular plateau
4 Sept , 2026 6 Sept , 2026	Janmashtmi Sunday
2 nd Week 7 Sept – 12 Sept	Unit – I • Coastal plain • Indian Islands • Regionalization schemes of India
13 Sept , 2026	Sunday
3 rd Week 14 Sept – 19 Sept	Unit – I • Indian monsoon • South west monsoon • North east monsoon
20 Sept, 2026	Sunday
4 th Week 21 Sept – 26 Sept	Unit – I • Climate regions of India. • Concept of seasons. • Drainage systems of India
23 Sept, 2026 27 Sept, 2026	Shaheedi Divas/Haryana War Heroes' Martyrdom Day Sunday
5 th Week 28 Sept – 30 Sept	Unit – II • Himalayas and peninsular drainage system • Functional significance of drainage system • Water regime of Indian river

October, 2026 1st Week 1 Oct – 3 Oct	Unit – II • Soil • Types of soil, their distribution and characteristics
2 Oct, 2026 4 Oct, 2026	Mahatma Gandhi Jayanti Sunday
2nd Week 5 Oct - 10 Oct	Unit – II • Vegetation • Types of vegetation and their characteristics and its conservation • Social basis of identity- Regional dimension
11 Oct, 2026	Maharaja Agrasen Jayanti, Sunday
3rd Week 12 Oct - 17 Oct	Unit – II • Agriculture • Characteristics of Indian agriculture
18 Oct, 2026	Sunday
4th Week 19 Oct – 24 Oct	Unit – II • Traditional farming • Modern farming • Animal husbandry • Green revolution
20 Oct, 2026 25 Oct, 2026 26 Oct, 2026	Dussehra Sunday Maharishi Valmiki Jayanti
5th Week 27 Oct - 31 Oct	Unit – II • Impact of green revolution • Challenges of green revolution • Agricultural market and credit

November, 2026 1st Week 1 Nov-9 Nov	Vacations (Diwali)
2nd Week 10 Nov - 14 Nov	Sessional Exams
15 Nov, 2026	Sunday
3rd Week 16 Nov - 21 Nov	Unit – III • Significance and challenges • Industrial complexes and industrial region • Challenges to industrial development
22 Nov, 2026	Sunday
4th Week 23 Nov - 28 Nov	UNIT –IV • Industrial policies • Startup program in India
24 Nov, 2026 29 Nov, 2026	Guru Nanak Dev Jayanti Sunday
5th Week 30 Nov, 2026	UNIT –IV • Transport Patterns of international trade • Exports and Imports of India's Trade, Patterns of domestic trade
December, 2026 1st Week 1 Dec-4 Dec	UNIT –IV • Major exports and imports of India's trade • Balance of payment
5 Dec, 2026	Preparatory Holidays
2nd Week 7 December, 2026 Onwards	University Examinations

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

Lesson Plan for the Odd Semester (August to December, 2026)

Name of the Teacher – Dr. Jyoti

Class – M.Sc. I

Subject – Geography

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

September, 2026 1 st Week 1 Sept – 5 Sept	Unit-I • Introduction to Descriptive Statistics • Histograms and Graphs • Frequency curve • Measures of Central Tendency - Introduction
4 Sept , 2026 6 Sept , 2026	Janmashtmi Sunday
2 nd Week 7 Sept – 12 Sept	Unit – I • Mean • Median • Mode • Partitioned values – Introduction • Quartiles • Percentiles
13 Sept , 2026	Sunday
3 rd Week 14 Sept – 19 Sept	Unit – I • Measures of Dispersion – Introduction • Standard Deviation • Relative measure of dispersion – Introduction • Coefficient of variation
20 Sept, 2026	Sunday
4 th Week 21 Sept – 26 Sept	Unit – II • Range • Quartile Deviation • Mean Deviation
23 Sept, 2026 27 Sept, 2026	Shaheedi Divas/Haryana War Heroes' Martyrdom Day Sunday
5 th Week 28 Sept – 30 Sept	Unit – II • Normal curve as a probability distribution • Characteristics of Normal curve as a probability distribution • Area under curve

October, 2026 1st Week 1 Oct – 3 Oct	Unit – II • Sampling – Introduction • Theory of sampling • Methods of sampling
2 Oct, 2026 4 Oct, 2026	Mahatma Gandhi Jayanti Sunday
2nd Week 5 Oct - 10 Oct	Unit – II • Sampling Distribution • Chance errors in sampling
11 Oct, 2026	Maharaja Agrasen Jayanti, Sunday
3rd Week 12 Oct - 17 Oct	Unit – II • Measure of inequality – Introduction • Location quotient • Lorenz curve • Gini ratio
18 Oct, 2026	Sunday
4th Week 19 Oct – 24 Oct	Unit – III • Bivariate Analysis – Introduction • Scatter diagram • Spearman’s rank correlation
20 Oct, 2026 25 Oct, 2026 26 Oct, 2026	Dussehra Sunday Maharishi Valmiki Jayanti
5th Week 27 Oct - 31 Oct	Unit – III • Karl Pearson’s correlation coefficient • Test of Significance (t test) • Coefficient of Determination

November, 2026 1st Week 1 Nov-9 Nov	Vacations (Diwali)
2nd Week 10 Nov - 14 Nov	Sessional Exams
15 Nov, 2026	Sunday
3rd Week 16 Nov - 21 Nov	Unit – III • Simple Linear Regression Model • Estimation of regression Equation (Least Square Method) • Interpretation and significance in geographical studies
22 Nov, 2026	Sunday
4th Week 23 Nov - 28 Nov	Unit -IV • Hypothesis testing • Chi Square
24 Nov, 2026 29 Nov, 2026	Guru Nanak Dev Jayanti Sunday
5th Week 30 Nov, 2026	Unit – IV • Utility in Geographical Studies • Significance Test and Interpretation
December, 2026 1st Week 1 Dec-4 Dec	Unit – IV • Residuals and their mapping • Basics of Multivariate Analysis • Correlation Matrix
5 Dec, 2026	Preparatory Holidays
2nd Week 7 December, 2026 Onwards	University Examinations

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

Lesson Plan for the Odd Semester (August to December, 2026)

Name of the Teacher – Dr. Jyoti

Class – M.Sc. I

Subject – Geography

Paper – M24-GEO-106, Advanced Cartography

September, 2026 1 st Week 1 Sept – 5 Sept	Unit-I • Cartography – Introduction • Nature, scope and Recent Advancement in Cartography • Types and Characteristics of Distribution Maps:- • Chorochromatic • Choroschematic
4 Sept , 2026 6 Sept , 2026	Janmashtmi Sunday
2 nd Week 7 Sept – 12 Sept	Unit-I • Isopleths • Choropleth • Dot and Diagrammatic • Types and Characteristics of Statistical Diagrams: • One Dimensional (bar, line)
13 Sept , 2026	Sunday
3 rd Week 14 Sept – 19 Sept	Unit-I • Two Dimensional (Circular, Rectangular, Square) • Three Dimensional (Sphere, Cube) • Other Diagrams (Snail, Pyramid, Flow Diagram/Cartogram) • Climograph (Taylor and Foster)
20 Sept, 2026	Sunday
4 th Week 21 Sept – 26 Sept	Unit – I • Hythergraph • Characteristics of Graph Representing Climatic Data: • Star/Wind Rose Diagram • Isopleths
23 Sept, 2026 27 Sept, 2026	Shaheedi Divas/Haryana War Heroes' Martyrdom Day Sunday
5 th Week 28 Sept – 30 Sept	Unit – II • Characteristics of Graph Representing Climatic Data: • Rainfall Deviation

October, 2026 1st Week 1 Oct – 3 Oct	Unit – II • Representation of Data Using Excel Program Time Series Analysis • Moving Average of Rainfall and Temperature
2 Oct, 2026 4 Oct, 2026	Mahatma Gandhi Jayanti Sunday
2nd Week 5 Oct - 10 Oct	Unit – II • Poly and Trend Graph • Line and Bar Graph • Rainfall Deviation Diagram
11 Oct, 2026	Maharaja Agrasen Jayanti, Sunday
3rd Week 12 Oct - 17 Oct	Unit – II • Bar Graphs: Simple, Comparative and Compound • Wheel Diagram
18 Oct, 2026	Sunday
4th Week 19 Oct – 24 Oct	Unit – III • Representation of Climatic and Socio-Economic Data: • Climograph (Foster and Taylor)
20 Oct, 2026 25 Oct, 2026 26 Oct, 2026	Dussehra Sunday Maharishi Valmiki Jayanti
5th Week 27 Oct - 31 Oct	Unit – III • Hythergraph • Ergograph

November, 2026 1st Week 1 Nov-9 Nov	Vacations (Diwali)
2nd Week 10 Nov - 14 Nov	Sessional Exams
15 Nov, 2026	Sunday
3rd Week 16 Nov - 21 Nov	Unit – III • Wind Rose Diagram • Isopleth
22 Nov, 2026	Sunday
4th Week 23 Nov - 28 Nov	Unit -IV • Dot Method • Choropleth (Mono-variate, Bi-variate)
24 Nov, 2026 29 Nov, 2026	Guru Nanak Dev Jayanti Sunday
5th Week 30 Nov, 2026	Unit – IV • Snail Diagram • Age and Sex Pyramid
December, 2026 1st Week 1 Dec-4 Dec	Unit – IV • Triangle Diagram • Cartogram (Traffic flow, rectangular)
5 Dec, 2026	Preparatory Holidays
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