

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Kanwaljeet Virdi

Class – B.A. III, Semester VI

Subject – Geography

Paper – Introduction to Remote Sensing, GIS and Quantitative Methods

<b>February, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Feb. - 4 Feb.</b>	<b>Chapter 1 – Introduction to Aerial Photographs</b> <ul style="list-style-type: none"><li>• Aerial Photographs – Meaning and History</li><li>• Applications of Aerial Photos</li></ul>
<b>5 Feb, 2023</b>	<b>Guru Ravidas Jayanti, Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>6 Feb. - 11 Feb.</b>	<b>Chapter 1 – Introduction to Aerial Photographs contd...</b> <ul style="list-style-type: none"><li>• Types of Aerial Photos</li><li>• Geometry of Aerial Photos</li><li>• Scale of Aerial Photos</li><li>• Stereoscope</li></ul>
<b>12 Feb, 2023</b>	<b>Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>13 Feb. -17 Feb.</b>	<b>Chapter 2 – Interpretation of Aerial Photographs</b> <ul style="list-style-type: none"><li>• Image Interpretation – Basics</li><li>• Factors Affecting the Interpretation of Aerial Photographs</li><li>• Elements of Image Interpretation</li><li>• Methods of Interpretation of Aerial Photographs</li></ul>
<b>18 Feb. 2023</b> <b>19 Feb. 2023</b>	<b>Maha Shivaratri</b> <b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>20 Feb. - 25 Feb.</b>	<b>Chapter 3 – Remote Sensing</b> <ul style="list-style-type: none"><li>• Remote Sensing – Meaning and Definition</li><li>• Stages of Remote Sensing</li><li>• Electromagnetic Spectrum</li><li>• Zones of Remote Sensing</li><li>• Types of Remote Sensing Satellites</li></ul>
<b>26 Feb. 2023</b>	<b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>27 Feb. -28 Feb.</b>	<b>Chapter 3 – Remote Sensing contd...</b> <ul style="list-style-type: none"><li>• Sensors or Sensing Systems</li><li>• Types of Resolution</li><li>• Interpretation of Physical and Cultural Features</li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Kanwaljeet Virdi

Class – B.A. III, Semester VI

Subject – Geography

Paper – Introduction to Remote Sensing, GIS and Quantitative Methods

March, 2023 1 <sup>st</sup> Week 1 March - 4 March	<b>Chapter 4 – Imageries and their Application</b> <ul style="list-style-type: none"><li>• Introduction and Definition</li><li>• Types of Images</li><li>• Classification of Image</li><li>• Applications of Imageries</li></ul>
2 <sup>nd</sup> Week 5 March - 12 March, 2023	<b>Holi Break</b>
3 <sup>rd</sup> Week 13 March - 18 March	<b>Chapter 5 – Geographical Information System</b> <ul style="list-style-type: none"><li>• GIS- Meaning and Definition</li><li>• Sources of Data in GIS</li><li>• Types of Data in GIS – Spatial and Non-Spatial</li><li>• Elements of GIS</li><li>• Advantages of GIS</li></ul>
19 March, 2023	<b>Sunday</b>
4 <sup>th</sup> Week 20 March - 25 March	<b>Chapter 6 – Applications of GIS</b> <ul style="list-style-type: none"><li>• Technological Development and GIS</li><li>• GIS and Categories of Consumers</li></ul>
23 March, 2023	<b>Shaheedi Diwas/Martyrdom Day of Bhagat Singh, Rajguru &amp; Sukhdev</b>
26 March, 2023	<b>Sunday</b>
30 March, 2023	<b>Ram Navmi</b>
5 <sup>th</sup> Week 27 March - 31 March	<b>Chapter 7 – Measures of Central Tendency: Mean, Median, Mode</b> <ul style="list-style-type: none"><li>• Meaning and Definition of Statistics</li><li>• Classification of Statistical Data</li><li>• Statistical Series</li><li>• Meaning and Definition of Central Tendency</li><li>• Types of Statistical Averages</li><li>• Mathematical Mean</li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May 2023)

Name of the Teacher – Ms. Kanwaljeet Viridi

Class – B.A. III, Semester VI

Subject – Geography

Paper – Introduction to Remote Sensing, GIS and Quantitative Methods

April, 2023 1 <sup>st</sup> Week 1 April, 2023	Chapter 7 – Measures of Central Tendency: Mean, Median, Mode contd... <ul style="list-style-type: none"> <li>Exercises - Individual Series: Direct Method, Short-cut Method</li> </ul>
2 April, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 3 April - 8 April	Chapter 7 – Measures of Central Tendency: Mean, Median, Mode contd... <ul style="list-style-type: none"> <li>Exercises - Discrete Series: Direct Method, Short-cut Method</li> <li>Exercises - Discrete Series: Step Deviation Method</li> <li>Exercises - Continuous Series: Direct Method, Short-cut Method</li> <li>Exercises - Continuous Series: Step Deviation Method</li> <li>Median - Exercises - Individual Series</li> </ul>
4 April, 2023 9 April, 2023	<b>Mahavir Jayanti</b> <b>Sunday</b>
3 <sup>rd</sup> Week 10 April -15 April	Chapter 7 – Measures of Central Tendency: Mean, Median, Mode contd... <ul style="list-style-type: none"> <li>Median</li> <li>Exercises - Discrete Series</li> <li>Exercises - Continuous Series</li> <li>Exercises – Ogive</li> <li>Mode: Exercises - Individual, Discrete, Continuous Series</li> </ul>
14 April, 2023 16 April, 2023	<b>Vaisakhi / Dr. B.R. Ambedkar Jayanti</b> <b>Sunday</b>
4 <sup>th</sup> Week 17 April - 21 April	<b>Sessional Exams</b>
22 April, 2023 23 April, 2023	<b>Id-Ul-Fitr/Parshuram Jayanti</b> <b>Sunday</b>
5 <sup>th</sup> Week 24 April -29 April	Chapter 8 – Measures of Dispersion <ul style="list-style-type: none"> <li>Various Methods of Measuring Dispersion</li> <li>Range, Quartile Deviation</li> </ul>
30 April, 2023	<b>Sunday</b>

# KVA DAV College for Women, Karnal

## Lesson Plan for the Even Semester (February to May, 2023)

Name of the Teacher – Ms. Kanwaljeet Viridi

Class – B.A. III, Semester VI

Subject – Geography

Paper – Introduction to Remote Sensing, GIS and Quantitative Methods

May, 2023 1 <sup>st</sup> Week 1 May - 6 May	<b>Chapter 8 – Measures of Dispersion</b> <ul style="list-style-type: none"><li>• Mean Deviation</li><li>• Standard Deviation</li></ul> <b>Chapter 9 - Coefficient of Variation</b> <ul style="list-style-type: none"><li>• Coefficient of Variation - Calculation</li></ul>
7 May, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 8 May -13 May	<ul style="list-style-type: none"><li>• Revision</li></ul>
14 May, 2023	<b>Sunday</b>
17 May, 2023 Onwards	<b>University Examinations</b>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Pinki Rani

Class- B.A. I, Semester II

Subject- Geography

Paper- Physical Geography

February, 2023 1 <sup>st</sup> Week 1 Feb-4 Feb	<b>Chapter 1 – Definition, Nature, Scope and Fields of Physical Geography</b> <ul style="list-style-type: none"><li>• Meaning and Definitions of Physical Geography</li><li>• Nature and Scope of Physical Geography</li><li>• Relation of Physical Geography with other branches of Science</li></ul>
5 Feb, 2023	<b>Guru Ravidas Jayanti, Sunday</b>
2 <sup>nd</sup> Week 6 Feb -11Feb	<b>Chapter 1 – Definition, Nature, Scope and Fields of Physical Geography contd...</b> <ul style="list-style-type: none"><li>• Importance of Physical Geography</li></ul> <b>Chapter 2 – Interior of Earth</b> <ul style="list-style-type: none"><li>• Sources of Knowing Interior of Earth</li><li>• Conclusion of Knowledge from seismology and interior of the Earth</li></ul>
12 Feb, 2023	<b>Sunday</b>
3 <sup>rd</sup> Week 13 Feb -17 Feb	<b>Chapter 2 – Interior of Earth Contd.</b> <ul style="list-style-type: none"><li>• Different Interior Layers and their Chemical Composition</li></ul> <b>Chapter 3 – Geological Time Scale</b> <ul style="list-style-type: none"><li>• Origin and Age of the Earth</li><li>• Meaning, Purpose, Importance and Time spans</li></ul>
18 Feb, 2023 19 Feb, 2023	<b>Maha Shivaratri</b> <b>Sunday</b>
4 <sup>th</sup> Week 20 Feb -25 Feb	<b>Chapter 4 – Rocks</b> <ul style="list-style-type: none"><li>• Meaning and Definition of the Rocks</li><li>• Classification of Rocks</li></ul> <b>Chapter 5 – Earth Movements</b> <ul style="list-style-type: none"><li>• Forces- Endogenetic and Exogenetic</li><li>• Epierogentic Forces</li></ul>
26 Feb, 2023	<b>Sunday</b>
5 <sup>th</sup> Week 27 Feb -28 Feb	<b>Chapter 5 – Earth Movements contd...</b> <ul style="list-style-type: none"><li>• Orogenetics Forces</li><li>• Folds</li><li>• Faults</li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Pinki Rani

Class- B.A. I, Semester II

Subject- Geography

Paper- Physical Geography

March, 2023 1 <sup>st</sup> Week 1 March -4 March	<b>Chapter 6 - Earthquakes and Volcanoes</b> <ul style="list-style-type: none"><li>• Meaning, Definition and Origin of Earthquakes and waves</li><li>• Classification of Earthquakes</li><li>• Meaning, Definition, Causes of Volcanoes Eruption</li><li>• Types of Volcanoes</li></ul>
2 <sup>nd</sup> Week 5 March -12 March, 2023	<b>Holi Break</b>
3 <sup>rd</sup> Week 13 March-18 March	<b>Chapter 7 - Theory of Isostasy</b> <ul style="list-style-type: none"><li>• Meaning, Definition and Proposition of Theory of Isostasy</li><li>• Views</li></ul> <b>Chapter 8 - Theory of Continental Drift</b> <ul style="list-style-type: none"><li>• Wegener's Theory of Continental Drift</li></ul>
19 March, 2023	<b>Sunday</b>
4 <sup>th</sup> Week 20 March-25 March	<b>Chapter 8 - Theory of Continental Drift contd...</b> <ul style="list-style-type: none"><li>• Evidences of Theory and Criticism of Wegener Continental Drift Theory</li></ul> <b>Chapter 9 - Plate Tectonics</b> <ul style="list-style-type: none"><li>• Plate Tectonic Theory- Origin and Evolution</li><li>• Types and Characteristics of Plates</li></ul>
23 March, 2023	<b>Shaheedi Diwas/Martyrdom Day of Bhagat Singh, Rajguru &amp; Sukhdev</b>
26 March, 2023	<b>Sunday</b>
30 March, 2023	<b>Ram Navmi</b>
5 <sup>th</sup> Week 27 March- 31 March	<b>Chapter 9 - Plate Tectonics contd...</b> <ul style="list-style-type: none"><li>• Significance of Plate Tectonic Theory</li><li>• Criticism of Plate Tectonic Theory</li><li>• Revision</li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May 2023)

Name of the Teacher – Ms. Pinki Rani

Class- B.A. I, Semester II

Subject- Geography

Paper- Physical Geography

April, 2023 1 <sup>st</sup> Week 1 April, 2023	<b>Chapter 10 – Weathering</b> <ul style="list-style-type: none"><li>• Meaning of Weathering</li><li>• Weathering -Physical Weathering</li></ul>
2 April, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 3 April -8 April	<b>Chapter 10 – Weathering contd...</b> <ul style="list-style-type: none"><li>• Chemical Weathering</li><li>• Biological or Organic Weathering</li></ul> <b>Chapter 11 - Mass Movements</b> <ul style="list-style-type: none"><li>• Definition</li><li>• Factors Affecting Mass Movements</li><li>• Types and Importance Of Mass Movements</li></ul>
4 April, 2023 9 April, 2023	<b>Mahavir Jayanti</b> <b>Sunday</b>
3 <sup>rd</sup> Week 10 April -15 April	<b>Chapter 12 - Cycle of Erosion</b> <ul style="list-style-type: none"><li>• Pre-Assumptions of Davisian Cycle of Erosion</li><li>• Graphic Representation of Cycle of Erosion</li></ul> <b>Chapter 13 - The Work of Wind and Aeolian Landforms</b> <ul style="list-style-type: none"><li>• Meaning and Area of Operation</li><li>• Work of Wind</li><li>• Landforms Produced by Wind Erosion</li></ul>
14 April, 2023 16 April, 2023	<b>Vaisakhi/Dr. B.R. Ambedkar Jayanti</b> <b>Sunday</b>
4 <sup>th</sup> Week 17 April -21 April	<b>Sessional Exams</b>
22 April, 2023 23 April, 2023	<b>Id-Ul-Fitr/Parshuram Jayanti</b> <b>Sunday</b>
5 <sup>th</sup> Week 24 April -29 April	<b>Chapter 14 - The Work of Rivers and Produced Landforms</b> <ul style="list-style-type: none"><li>• Landforms produced in the River Valley</li></ul> <b>Chapter 15 - Underground Water and Karst Landscape</b> <ul style="list-style-type: none"><li>• Sources of Underground Water</li><li>• Work of Underground Water (Erosional Work)</li></ul>
30 April, 2023	<b>Sunday</b>

# KVA DAV College for Women, Karnal

## Lesson Plan for the Even Semester (February to May, 2023)

Name of the Teacher – Ms. Pinki Rani

Class- B.A. I, Semester II

Subject- Geography

Paper- Physical Geography

May, 2023 1 <sup>st</sup> Week 1 May -6 May	<b>Chapter 16 - The Work of Glaciers and Glaciated Landforms</b> <ul style="list-style-type: none"><li>• Erosional work of Glacier</li><li>• Landforms produced by Glacial Erosion</li></ul> <b>Chapter 17- Work of Sea Waves and Coastal Landforms</b> <ul style="list-style-type: none"><li>• Sea Coast and Shore</li></ul>
7 May, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 8 May -13 May	<b>Chapter 17- Work of Sea Waves and Coastal Landforms Contd...</b> <ul style="list-style-type: none"><li>• Structure of Sea Waves</li><li>• Revision</li></ul>
14 May, 2023	<b>Sunday</b>
17 May, 2023 Onwards	<b>University Examinations</b>



# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Anju

Class- B.A II, Semester IV

Subject- Geography

Paper- Human Geography

February, 2023 1 <sup>st</sup> Week 1 Feb-4 Feb	<b>Chapter 1 – Nature and Scope of Human Geography</b> <ul style="list-style-type: none"><li>• Nature of Human Geography</li><li>• Scope of Human Geography</li><li>• Subject Matter and Interrelation of Human Geography with other Social Sciences</li></ul>
5 Feb, 2023	<b>Guru Ravidas Jayanti, Sunday</b>
2 <sup>nd</sup> Week 6 Feb -11Feb	<b>Chapter 1 – Nature and Scope of Human Geography contd...</b> <ul style="list-style-type: none"><li>• Approaches/Methods of Human Geography</li><li>• Branches of Human Geography</li></ul> <b>Chapter 2 – Human Races and Tribes of India</b> <ul style="list-style-type: none"><li>• Meaning and Definition of Race</li><li>• Classification and Distribution of Human Races in India</li></ul>
12 Feb, 2023	<b>Sunday</b>
3 <sup>rd</sup> Week 13 Feb -17 Feb	<b>Chapter 2 – Human Races and Tribes of India contd...</b> <ul style="list-style-type: none"><li>• Tribal Population</li><li>• Spatial Distribution of Tribal Population Geographical</li><li>• Distribution of Tribes in India</li></ul> <b>Chapter 3 – The Concept of Man-Environment Relations</b> <ul style="list-style-type: none"><li>• Environmental Determinism , Possibilism: Concept and Criticism</li><li>• Neo-Determinism</li></ul>
18 Feb, 2023 19 Feb, 2023	<b>Maha Shivaratri Sunday</b>
4 <sup>th</sup> Week 20 Feb -25 Feb	<b>Chapter 4 – Human Adaptation to the Environment</b> <ul style="list-style-type: none"><li>• Man-Environment Relationship</li><li>• Eskimos and Bushman</li><li>• Gujjars</li></ul>
26 Feb, 2023	<b>Sunday</b>
5 <sup>th</sup> Week 27 Feb -28 Feb	<b>Chapter 5 – Resources: Meaning, Nature and Components</b> <ul style="list-style-type: none"><li>• Meaning and Definition of Resources</li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Anju

Class- B.A II, Semester IV

Subject- Geography

Paper- Human Geography

March, 2023 1 <sup>st</sup> Week 1 March -4 March	<b>Chapter 6 – Classification of Resources</b> <ul style="list-style-type: none"> <li>Classification of Resources</li> </ul> <b>Chapter 7 – Distribution and Utilization of Biotic Resources</b> <ul style="list-style-type: none"> <li>Distribution and Utilization of Biotic Resources                             <ul style="list-style-type: none"> <li>Vegetation Resources ,Forest Resources and Animal Resources</li> </ul> </li> </ul>
2 <sup>nd</sup> Week 5 March -12 March, 2023	<b>Holi Break</b>
3 <sup>rd</sup> Week 13 March-18 March	<b>Chapter 8 - Distribution and Utilization of Abiotic Resources</b> <ul style="list-style-type: none"> <li>Water Resources, Mineral Resources</li> <li>Energy Resources</li> </ul>
19 March,2023	<b>Sunday</b>
4 <sup>th</sup> Week 20 March-25 March	<b>Chapter 9 - Conservation of Natural Resources</b> <ul style="list-style-type: none"> <li>Meaning of Resource Conservation</li> <li>Need for Conservation</li> </ul> <b>Chapter 10 – Population of the World</b> <ul style="list-style-type: none"> <li>Distribution of Population</li> <li>Factors affecting Population Distribution</li> <li>Density of Population</li> <li>Population Growth/Population Change</li> </ul>
23 March, 2023	<b>Shaheedi Diwas/Martyrdom Day of Bhagat Singh, Rajguru &amp; Sukhdev</b>
26 March, 2023	<b>Sunday</b>
30 March, 2023	<b>Ram Navmi</b>
5 <sup>th</sup> Week 27 March- 31 March	<b>Chapter 10 – Population of the World contd...</b> <ul style="list-style-type: none"> <li>Determinants of Population Change</li> <li>Demographic Transition Theory</li> </ul> <b>Chapter 11 – Concepts of Optimum Population, Overpopulation and Under population</b> <ul style="list-style-type: none"> <li>Optimum Population, Overpopulation and Under population</li> </ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May 2023)

Name of the Teacher – Ms. Anju

Class- B.A II, Semester IV

Subject- Geography

Paper- Human Geography

April, 2023 1 <sup>st</sup> Week 1 April, 2023	<b>Chapter 12 – Theories of Population</b> <ul style="list-style-type: none"> <li>• Malthusian Theory of Population</li> </ul>
2 April, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 3 April -8 April	<b>Chapter 12 – Theories of Population contd...</b> <ul style="list-style-type: none"> <li>• Ricardo's Theory of Population</li> <li>• Marx's Theory of Population</li> </ul> <b>Chapter 13 – Rural Settlements</b> <ul style="list-style-type: none"> <li>• Meaning and Definition of Rural Settlements</li> <li>• Types of Rural Settlements</li> <li>• Patterns of Rural Settlements</li> </ul>
4 April, 2023 9 April, 2023	<b>Mahavir Jayanti</b> <b>Sunday</b>
3 <sup>rd</sup> Week 10 April -15 April	<b>Chapter 14 – Origin and Growth of Towns</b> <ul style="list-style-type: none"> <li>• Pre-historic Towns ,Medieval Towns</li> <li>• Modern Towns</li> </ul> <b>Chapter 15 – Classification and Functions of Towns</b> <ul style="list-style-type: none"> <li>• Methods of Classification</li> <li>• General Pattern of Functional Classification of Towns</li> </ul>
14 April, 2023 16 April, 2023	<b>Vaisakhi/Dr. B.R. Ambedkar Jayanti</b> <b>Sunday</b>
4 <sup>th</sup> Week 17 April -21 April	<b>Sessional Exams</b>
22 April, 2023 23 April, 2023	<b>Id-Ul-Fitr/Parshuram Jayanti</b> <b>Sunday</b>
5 <sup>th</sup> Week 24 April -29 April	<b>Chapter 16 – Population Pressure, Resource Use and Environmental Degradation</b> <ul style="list-style-type: none"> <li>• Meaning of Population Pressure</li> <li>• Environmental Degradation</li> <li>• Degradation of Natural Environment</li> </ul>
30 April, 2023	<b>Sunday</b>

# KVA DAV College for Women, Karnal

## Lesson Plan for the Even Semester (February to May, 2023)

Name of the Teacher – Ms. Anju

Class- B.A II, Semester IV

Subject- Geography

Paper- Human Geography

May, 2023 1 <sup>st</sup> Week 1 May -6 May	<b>Chapter 16 – Population Pressure, Resource Use and Environmental Degradation contd...</b> <ul style="list-style-type: none"><li>• Environmental Hazards Degradation of Natural Environment<ul style="list-style-type: none"><li>○ Industrial Development and Air Pollution</li><li>○ Urbanization and Water Pollution</li></ul></li></ul>
7 May, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 8 May -13 May	<b>Chapter 17 – Sustainable Development</b> Structure of Sea Waves <ul style="list-style-type: none"><li>• Sustainable Development</li><li>• Revision</li></ul>
14 May, 2023	<b>Sunday</b>
17 May, 2023 Onwards	<b>University Examinations</b>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Muskan

Class- M.Sc. Previous, Semester II

Subject- Geography

Paper-GEOG-201, Geomorphology

<b>February, 2023</b> <b>1<sup>st</sup> Week</b> <b>1Feb-4 Feb</b>	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Introduction To Geomorphology</li><li>• Definition</li><li>• Nature and Scope</li><li>• Introduction to geomorphology as a science contd...</li><li>• Recent development of geomorphology</li></ul>
<b>5 Feb, 2023</b>	<b>Guru Ravidas Jayanti, Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>6 Feb -11 Feb</b>	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Fundamental concepts</li><li>• Geological structure and landforms</li><li>• Uniformitarianism</li><li>• Fundamental concepts contd...</li></ul>
<b>12 Feb, 2023</b>	<b>Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>13 Feb -17 Feb</b>	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Multicycle and polygenetic evolution of landscape</li><li>• Frequency concept of geomorphic processes</li><li>• Climatogenetic geomorphology</li></ul>
<b>18 Feb, 2023</b> <b>19 Feb, 2023</b>	<b>MahaShivaratri</b> <b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>20 Feb -25 Feb</b>	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Continental drift theory</li><li>• F.B. Taylor's continental drift theory</li><li>• Wagner continental drift</li></ul>
<b>26 Feb, 2023</b>	<b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>27 Feb -28 Feb</b>	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Plate tectonics</li><li>• Meaning and concept</li><li>• Margins and boundary</li><li>• Plate Tectonics Theory</li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Muskan

Class- M.Sc. Previous, Semester II

Subject- Geography

Paper- GEOG-201, Geomorphology

March, 2023 1 <sup>st</sup> Week 1 March -4 March	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Margins and Boundaries , Plate motion and cycle, Tectonic activities along boundaries</li><li>• Distribution of plates</li></ul>
2 <sup>nd</sup> Week 5 March -12 March, 2023	<b>Holi Break</b>
3 <sup>rd</sup> Week 13 March-18 March	<b>UNIT-III</b> <ul style="list-style-type: none"><li>• Hill Slope, Forms of Slope</li><li>• Geomorphic processes and slope forms</li></ul>
19 March, 2023	<b>Sunday</b>
4 <sup>th</sup> Week 20 March-25 March	<b>UNIT-III</b> <ul style="list-style-type: none"><li>• Slope Evolution – Down Wearing</li><li>• Parallel retreat and Slope replacement models</li></ul>
23 March, 2023	<b>Shaheedi Diwas/Martyrdom Day of Bhagat Singh, Rajguru &amp; Sukhdev</b>
26 March, 2023	<b>Sunday</b>
30 March, 2023	<b>Ram Navmi</b>
5 <sup>th</sup> Week 27 March- 31 March	<b>UNIT-III</b> <ul style="list-style-type: none"><li>• Weathering – Meaning and definition</li><li>• Factors controlling weathering Weathering</li><li>• Causes of weathering</li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May 2023)

Name of the Teacher – Ms. Muskan

Class- M.Sc. Previous, Semester II

Subject- Geography

Paper- GEOG-201, Geomorphology

April, 2023 1 <sup>st</sup> Week 1 April, 2023	UNIT-III <ul style="list-style-type: none"> <li>• Types of weathering</li> <li>• Physical Weathering</li> <li>• Chemical</li> <li>• Biological weathering</li> </ul>
2 April, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 3 April - 8 April	UNIT-III <ul style="list-style-type: none"> <li>• Mass movement – Causes of mass movement</li> <li>• Classifications mass movement</li> <li>• Types of mass movements</li> <li>• Slow and Rapid mass movement</li> </ul>
4 April, 2023 9 April, 2023	<b>Mahavir Jayanti</b> <b>Sunday</b>
3 <sup>rd</sup> Week 10 April - 15 April	UNIT-IV <ul style="list-style-type: none"> <li>• Geomorphic processes and resulting landforms</li> <li>• Fluvial</li> <li>• Erosion, transport, and depositional landforms</li> </ul>
14 April, 2023 16 April, 2023	<b>Vaisakhi/Dr. B.R. Ambedkar Jayanti</b> <b>Sunday</b>
4 <sup>th</sup> Week 17 April - 21 April	<b>Sessional Exams</b>
22 April, 2023 23 April, 2023	<b>Id-Ul-Fitr/Parshuram Jayanti</b> <b>Sunday</b>
5 <sup>th</sup> Week 24 April - 29 April	UNIT-IV <ul style="list-style-type: none"> <li>• Glacial</li> <li>• Erosion, transport, and depositional landforms Geomorphic processes and resulting landforms</li> <li>• Aeolian</li> <li>• Erosion, transport, and depositional landforms</li> </ul>
30 April, 2023	<b>Sunday</b>

# **KVA DAV College for Women, Karnal**

## **Lesson Plan for the Even Semester (February to May, 2023)**

**Name of the Teacher – Ms. Muskan**

**Class- M.Sc. Previous, Semester II**

**Subject- Geography**

**Paper- GEOG-201, Geomorphology**

<b>May, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 May -6 May</b>	<b>UNIT-IV</b> <ul style="list-style-type: none"><li>• Karst</li><li>• Erosion, transport, and depositional landforms</li><li>• Applied geomorphology:</li><li>• Meaning and concept</li></ul>
<b>7 May, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>8 May -13 May</b>	<b>UNIT-IV</b> <ul style="list-style-type: none"><li>• Role of geomorphology in the environment</li><li>• Accelerated erosion and sedimentation</li><li>• Construction of large dams</li><li>• Urban geomorphology</li></ul>
<b>14 May, 2023</b>	<b>Sunday</b>
<b>17 May, 2023</b> <b>Onwards</b>	<b>University Examinations</b>



# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Sonia  
Class- M.Sc. Previous, Semester II  
Subject- Geography  
Paper- GEOG-202, Population Geography

February, 2023 1 <sup>st</sup> Week 1 Feb-4 Feb	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Population geography</li><li>• Nature of population of geography</li><li>• Scope of population geography</li></ul>
5 Feb, 2023	<b>Guru Ravidas Jayanti, Sunday</b>
2 <sup>nd</sup> Week 6 Feb -11Feb	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Methodological problems in population geography.</li><li>• Methods related to problems in population geography</li></ul>
12 Feb, 2023	<b>Sunday</b>
3 <sup>rd</sup> Week 13 Feb -17 Feb	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Sources of population data, quality, and reliability of data, problems of mapping<ul style="list-style-type: none"><li>○ Data</li><li>○ Sources of population data</li><li>○ Primary and secondary data</li></ul></li><li>• Quality of data</li></ul>
18 Feb, 2023 19 Feb, 2023	<b>Maha Shivaratri Sunday</b>
4 <sup>th</sup> Week 20 Feb -25 Feb	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Concepts, determinants, and world pattern of population: -</li><li>• Distribution and density of population</li><li>• Birth and death rate of population</li><li>• Migration</li></ul>
26 Feb, 2023	<b>Sunday</b>
5 <sup>th</sup> Week 27 Feb -28 Feb	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Laws of migration</li><li>• Concepts, determinants and world pattern of population</li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Sonia  
Class- M.Sc. Previous, Semester II  
Subject- Geography  
Paper- GEOG-202, Population Geography

March, 2023 1 <sup>st</sup> Week 1 March -4 March	<b>UNIT-II</b> <ul style="list-style-type: none"> <li>• Population growth</li> <li>• Age and sex composition</li> <li>• Occupation</li> <li>• Literacy</li> </ul>
2 <sup>nd</sup> Week 5 March -12 March, 2023	<b>Holi Break</b>
3 <sup>rd</sup> Week 13 March-18 March	<b>UNIT-III</b> <ul style="list-style-type: none"> <li>• Demographic Transition Model</li> <li>• Stages Of Transition Model</li> <li>• Criticism Of Transition Model</li> </ul>
19 March,2023	<b>Sunday</b>
4 <sup>th</sup> Week 20 March-25 March	<b>UNIT-III</b> <ul style="list-style-type: none"> <li>• Population Resource Regions</li> <li>• Population Concept <ul style="list-style-type: none"> <li>○ Optimum Population</li> <li>○ Overpopulation</li> <li>○ Under population</li> </ul> </li> <li>• Population Resources Regions</li> </ul>
23 March, 2023	<b>Shaheedi Diwas/Martyrdom Day of Bhagat Singh, Rajguru &amp; Sukhdev</b>
26 March, 2023	<b>Sunday</b>
30 March, 2023	<b>Ram Navmi</b>
5 <sup>th</sup> Week 27 March- 31 March	<b>UNIT-III</b> <ul style="list-style-type: none"> <li>• Theories of population <ul style="list-style-type: none"> <li>○ Malthus population theory <ul style="list-style-type: none"> <li>▪ Concept and assumption of the theory</li> <li>▪ Criticism of the theory</li> </ul> </li> <li>○ Ricardo's theory of population</li> </ul> </li> <li>• Marx theory</li> </ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May 2023)

Name of the Teacher – Ms. Sonia  
Class- M.Sc. Previous, Semester II  
Subject- Geography  
Paper- GEOG-202, Population Geography

April, 2023 1 <sup>st</sup> Week 1 April, 2023	UNIT-IV <ul style="list-style-type: none"><li>• Population policy of India</li><li>○ Policy</li></ul>
2 April, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 3 April -8 April	UNIT-IV <ul style="list-style-type: none"><li>• Population policy of India</li><li>○ Policy</li><li>○ Population policy</li><li>Population policy of 2000</li></ul>
4 April, 2023 9 April, 2023	<b>Mahavir Jayanti</b> <b>Sunday</b>
3 <sup>rd</sup> Week 10 April -15 April	UNIT-IV <ul style="list-style-type: none"><li>• Comparative study of population problems and policies of developed and less developed countries</li><li>○ Population problems of developed and less developed countries</li></ul>
14 April, 2023 16 April, 2023	<b>Vaisakhi/Dr. B.R. Ambedkar Jayanti</b> <b>Sunday</b>
4 <sup>th</sup> Week 17 April -21 April	<b>Sessional Exams</b>
22 April, 2023 23 April, 2023	<b>Id-UI-Fitr/Parshuram Jayanti</b> <b>Sunday</b>
5 <sup>th</sup> Week 24 April -29 April	UNIT-IV <ul style="list-style-type: none"><li>• Comparative study of population problems and policies of developed and less developed countries</li><li>• Policies of developed and less developed countries</li></ul>
30 April, 2023	<b>Sunday</b>

# KVA DAV College for Women, Karnal

## Lesson Plan for the Even Semester (February to May, 2023)

Name of the Teacher – Ms. Sonia  
Class- M.Sc. Previous, Semester II  
Subject- Geography  
Paper- GEOG-202, Population Geography

May, 2023 1 <sup>st</sup> Week 1 May -6 May	UNIT-IV <ul style="list-style-type: none"><li>• Population and Environment: Implications for the future</li><li>○ Relation of environment and population</li></ul>
7 May, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 8 May -13 May	UNIT-IV <ul style="list-style-type: none"><li>• Population and Environment: Implications for the future</li><li>○ Impact of increasing population on the environment</li><li>○ Suggestions for population and pollution control</li><li>• Revision</li></ul>
14 May, 2023	<b>Sunday</b>
17 May, 2023 Onwards	<b>University Examinations</b>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Anju

Class- M.Sc. Previous, Semester II

Subject- Geography

Paper- GEOG-203, Regional Development and Planning (with special reference to India)

<b>February, 2023</b> <b>1<sup>st</sup> Week</b> <b>1Feb-4 Feb</b>	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Regional Development: -</li><li>• Concept of Space</li><li>• Concept Region</li><li>• Type of Regions</li></ul>
<b>5Feb, 2023</b>	<b>Guru Ravidas Jayanti, Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>6 Feb -11Feb</b>	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Planning Regions: -</li><li>• Planning</li><li>• Planning Regions of India</li><li>• Characteristics of Regions</li></ul>
<b>12 Feb, 2023</b>	<b>Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>13 Feb -17 Feb</b>	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Theories of Regional Development-</li><li>• Theory of Polarized Development</li><li>• F. Perroux Model</li></ul>
<b>18 Feb, 2023</b> <b>19 Feb, 2023</b>	<b>Maha Shivaratri</b> <b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>20Feb -25 Feb</b>	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Theories of Regional Development: -</li><li>• Hirschman Theory</li><li>• Myrdal Theory</li></ul>
<b>26 Feb, 2023</b>	<b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>27 Feb -28 Feb</b>	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Theory of Development from below by J. Friedman</li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan for the Even Semester (February to May, 2023)

Name of the Teacher – Ms. Anju

Class- M.Sc. Previous, Semester II

Subject- Geography

Paper- GEOG-203, Regional Development and Planning (with special reference to India)

March, 2023 1 <sup>st</sup> Week 1 March -4 March	<b>UNIT-II</b> <ul style="list-style-type: none"><li>Ecological Theory of Sustainable Development</li></ul>
2 <sup>nd</sup> Week 5 March -12 March, 2023	<b>Holi Break</b>
3 <sup>rd</sup> Week 13 March-18 March	<b>UNIT-III</b> <ul style="list-style-type: none"><li>Development and Regional Disparities in India since Independence: -</li><li>Disparities</li><li>Regional Disparities</li><li>Disparities in Agricultural Development</li></ul>
19 March, 2023	<b>Sunday</b>
4 <sup>th</sup> Week 20 March-25 March	<b>UNIT-III</b> <ul style="list-style-type: none"><li>Development and Regional Disparities in India since Independence: -</li><li>Disparities in Industrial Development</li></ul>
23 March, 2023	<b>Shaheedi Diwas/Martyrdom Day of Bhagat Singh, Rajguru &amp; Sukhdev</b>
26 March, 2023	<b>Sunday</b>
30 March, 2023	<b>Ram Navmi</b>
5 <sup>th</sup> Week 27 March- 31 March	<b>UNIT-III</b> <ul style="list-style-type: none"><li>Development and Regional Disparities in India since Independence:-</li><li>Disparities in Human Resource Development in terms of education</li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May 2023)

Name of the Teacher – Ms. Anju

Class- M.Sc. Previous, Semester II

Subject- Geography

Paper- GEOG-203, Regional Development and Planning (with special reference to India)

April, 2023 1 <sup>st</sup> Week 1 April, 2023	<b>UNIT- III</b> <ul style="list-style-type: none"><li>• Development and Regional Disparities in India since Independence:</li><li>• Disparities in Human Resource Development in terms of health</li></ul>
2 April, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 3 April -8 April	<b>UNIT-III</b> <ul style="list-style-type: none"><li>• Revision</li><li>• Approaches to regional planning in India</li><li>• Planning in India through Five-Year Plans</li></ul>
4 April, 2023 9 April, 2023	<b>Mahavir Jayanti</b> <b>Sunday</b>
3 <sup>rd</sup> Week 10 April - 15 April	<b>UNIT-IV</b> <ul style="list-style-type: none"><li>• Planning in India through Five Year Plans contd...</li><li>• Special Area Development Plans</li></ul>
14 April, 2023 16 April, 2023	<b>Vaisakhi/Dr. B.R. Ambedkar Jayanti</b> <b>Sunday</b>
4 <sup>th</sup> Week 17 April -21 April	<b>Sessional Exams</b>
22 April, 2023 23 April, 2023	<b>Id-Ul-Fitr/Parshuram Jayanti</b> <b>Sunday</b>
5 <sup>th</sup> Week 24 April -29 April	<b>UNIT-IV</b> <ul style="list-style-type: none"><li>• Metropolitan Planning:-</li><li>• Regional Problems</li><li>• Revision</li></ul>
30 April, 2023	<b>Sunday</b>

# **KVA DAV College for Women, Karnal**

## **Lesson Plan for the Even Semester (February to May, 2023)**

**Name of the Teacher – Ms. Anju**

**Class- M.Sc. Previous, Semester II**

**Subject- Geography**

**Paper- GEOG-203, Regional Development and Planning (with special reference to India)**

<b>May, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 May -6 May</b>	<b>UNIT-IV</b> <ul style="list-style-type: none"><li>• Regional Prospects in India.</li><li>• Revision</li></ul>
<b>7 May, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>8 May -13 May</b>	<b>UNIT-IV</b> <ul style="list-style-type: none"><li>• Revision</li></ul>
<b>14 May, 2023</b>	<b>Sunday</b>
<b>17 May, 2023</b> <b>Onwards</b>	<b>University Examinations</b>



# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Muskan

Class- M.Sc. Previous, Semester II

Subject- Geography

Paper- GEOG – 204, Agricultural Geography

<b>February, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Feb-4 Feb</b>	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Agricultural Geography</li><li>• Meaning</li><li>• Definition</li><li>• Nature of Agricultural Geography</li><li>• Scope of Agricultural Geography</li></ul>
<b>5 Feb, 2023</b>	<b>Guru Ravidas Jayanti, Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>6Feb -11Feb</b>	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Significance of Agricultural Geography</li><li>• Origin and dispersal of agriculture.</li></ul>
<b>12Feb, 2023</b>	<b>Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>13 Feb -17 Feb</b>	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Determinants of agricultural patterns: -</li><li>• Physical factors</li><li>• Technological factors</li><li>• Cultural factors</li></ul>
<b>18 Feb, 2023</b> <b>19 Feb, 2023</b>	<b>Maha Shivaratri</b> <b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>20 Feb -25 Feb</b>	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Concepts of land capability survey</li><li>• Land use</li><li>• Cropping pattern.</li><li>• Approaches to agricultural regionalization</li></ul>
<b>26 Feb, 2023</b>	<b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>27 Feb -28 Feb</b>	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Von Thunen Model of agricultural land use</li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan for the Even Semester (February to May, 2023)

Name of the Teacher – Ms. Muskan

Class- M.Sc. Previous, Semester II

Subject- Geography

Paper- GEOG – 204, Agricultural Geography

March, 2023 1 <sup>st</sup> Week 1March -4 March	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Crop combination</li><li>• Crop concentration</li><li>• Crop diversification</li></ul>
2 <sup>nd</sup> Week 5 March -12 March, 2023	<b>Holi Break</b>
3 <sup>rd</sup> Week 13 March-18 March	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Agro-climatic Zones</li><li>• Concept of agro-climate zone</li><li>• Agricultural zone in India</li></ul>
19 March,2023	<b>Sunday</b>
4 <sup>th</sup> Week 20March-25 March	<b>UNIT-III</b> <ul style="list-style-type: none"><li>• Bases of identification of agricultural</li><li>• Bases of identification of agricultural systems by Whittlesey</li></ul>
23 March, 2023	<b>Shaheedi Diwas/Martyrdom Day of Bhagat Singh, Rajguru &amp; Sukhdev</b>
26 March, 2023	<b>Sunday</b>
30 March, 2023	<b>Ram Navmi</b>
5 <sup>th</sup> Week 27 March- 31 March	<b>UNIT-III</b> <ul style="list-style-type: none"><li>• Agricultural typology</li><li>• Agricultural typology by Kostrowiki.</li><li>• Measurements of regional imbalances in agricultural productivity</li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May 2023)

Name of the Teacher – Ms. Muskan

Class- M.Sc. Previous, Semester II

Subject- Geography

Paper- GEOG – 204, Agricultural Geography

April, 2023 1 <sup>st</sup> Week 1 April, 2023	UNIT- III <ul style="list-style-type: none"><li>• Green revolution:</li><li>• Meaning</li><li>• Impacts of Green Revolution in India</li><li>• Consequences In India</li></ul>
2 April, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 3 April -8 April	UNIT-IV <ul style="list-style-type: none"><li>• Food production in India</li><li>• Food security in India</li></ul>
4 April, 2023 9 April, 2023	<b>MahavirJayanti</b> <b>Sunday</b>
3 <sup>rd</sup> Week 10 April -15 April	UNIT-IV <ul style="list-style-type: none"><li>• Neo-liberalization and Indian agriculture</li><li>• Agriculture and climate change</li><li>• Impacts and adaptation</li></ul>
14 April, 2023 16 April, 2023	<b>Vaisakhi/Dr. B.R. AmbedkarJayanti</b> <b>Sunday</b>
4 <sup>th</sup> Week 17 April -21 April	<b>Sessional Exams</b>
22 April, 2023 23 April, 2023	<b>Id-Ul-Fitr/ParshuramJayanti</b> <b>Sunday</b>
5 <sup>th</sup> Week 24 April -29 April	UNIT-IV <ul style="list-style-type: none"><li>• Agriculture and climate change contd...</li><li>• Impacts and adaptation</li><li>• Revision</li></ul>
30 April, 2023	<b>Sunday</b>

# KVA DAV College for Women, Karnal

## Lesson Plan for the Even Semester (February to May, 2023)

Name of the Teacher – Ms. Muskan

Class- M.Sc. Previous, Semester II

Subject- Geography

Paper- GEOG – 204, Agricultural Geography

May, 2023 1 <sup>st</sup> Week 1 May -6 May	UNIT-IV • Revision
7 May, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 8 May -13 May	UNIT-IV • Revision
14 May, 2023	<b>Sunday</b>
17 May, 2023 Onwards	<b>University Examinations</b>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Muskan

Class- M.Sc. Previous, Semester II

Subject- Geography

Paper- GEOG – 205, Interpretation of Toposheets and Morphometric Analysis

February, 2023 1 <sup>st</sup> Week 1 Feb-4 Feb	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Interpretation of toposheets</li><li>• Physical features</li><li>• Exercise</li></ul>
5 Feb, 2023	<b>Guru Ravidas Jayanti, Sunday</b>
2 <sup>nd</sup> Week 6 Feb -11 Feb	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Interpretation of toposheets</li><li>• Physical features</li><li>• Exercise</li></ul>
12 Feb, 2023	<b>Sunday</b>
3 <sup>rd</sup> Week 13 Feb -17 Feb	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Interpretation of toposheets</li><li>• Physical features cont.</li><li>• Exercise</li></ul>
18 Feb, 2023 19 Feb, 2023	<b>Maha Shivaratri Sunday</b>
4 <sup>th</sup> Week 20 Feb -25 Feb	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Interpretation of toposheets</li><li>• Cultural features</li><li>• Exercise</li></ul>
26 Feb, 2023	<b>Sunday</b>
5 <sup>th</sup> Week 27 Feb -28 Feb	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Interpretation of toposheets</li><li>• Cultural features</li><li>• Exercise</li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Muskan

Class- M.Sc. Previous, Semester II

Subject- Geography

Paper- GEOG – 205, Interpretation of Toposheets and Morphometric Analysis

March, 2023 1 <sup>st</sup> Week 1March -4 March	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Profile Analysis: -</li><li>• Serial Profiles</li><li>• Superimposed Profiles</li><li>• Exercise</li></ul>
2 <sup>nd</sup> Week 5 March -12 March, 2023	<b>Holi Break</b>
3 <sup>rd</sup> Week 13 March-18 March	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Profile Analysis: -</li><li>• Composite Profile</li><li>• Projected Profile</li><li>• Exercise</li></ul>
19 March, 2023	<b>Sunday</b>
4 <sup>th</sup> Week 20 March-25 March	<b>UNIT- II</b> <ul style="list-style-type: none"><li>• Linear Aspects of streams: -</li><li>• Relationship between stream order and stream Number</li><li>• Exercise</li></ul>
23 March, 2023	<b>Shaheedi Diwas/Martyrdom Day of Bhagat Singh, Rajguru &amp; Sukhdev</b>
26 March, 2023	<b>Sunday</b>
30 March, 2023	<b>Ram Navmi</b>
5 <sup>th</sup> Week 27 March- 31 March	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Linear Aspects of streams: -</li><li>• Relationship between stream order and Average stream length.</li><li>• Exercise</li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May 2023)

Name of the Teacher – Ms. Muskan

Class- M.Sc. Previous, Semester II

Subject- Geography

Paper- GEOG – 205, Interpretation of Toposheets and Morphometric Analysis

April, 2023 1 <sup>st</sup> Week 1 April, 2023	<b>UNIT- II</b> <ul style="list-style-type: none"><li>• Areal Aspects of streams: -</li><li>• Drainage Frequency</li><li>• Exercise</li></ul>
2 April, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 3 April -8 April	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Areal Aspects of streams cont.: -</li><li>• Drainage Texture/Density</li><li>• Exercise</li></ul>
4 April, 2023 9 April, 2023	<b>MahavirJayanti</b> <b>Sunday</b>
3 <sup>rd</sup> Week 10April - 15April	<b>UNIT- III</b> <ul style="list-style-type: none"><li>• Relief Aspect of Streams: -</li><li>• Area Height Curve</li><li>• Altimetric frequency curve</li><li>• Exercise</li></ul>
14 April, 2023 16 April, 2023	<b>Vaisakhi/Dr. B.R. Ambedkar Jayanti</b> <b>Sunday</b>
4 <sup>th</sup> Week 17 April -21 April	<b>Sessional Exams</b>
22 April, 2023 23 April, 2023	<b>Id-Ul-Fitr/Parshuram Jayanti</b> <b>Sunday</b>
5 <sup>th</sup> Week 24 April -29 April	<b>UNIT- III</b> <ul style="list-style-type: none"><li>• Relief Aspect of Streams Contd...</li><li>• Clinographicor clinometric curve</li><li>• Exercise</li></ul>
30 April, 2023	<b>Sunday</b>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Muskan

Class- M.Sc. Previous, Semester II

Subject- Geography

Paper- GEOG – 205, Interpretation of Toposheets and Morphometric Analysis

May, 2023 1 <sup>st</sup> Week 1 May -6 May	UNIT-IV <ul style="list-style-type: none"><li>• Slope Analysis</li><li>• Wentworth's Method of Average Slope</li><li>• Exercise</li></ul>
7 May, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 8 May -13 May	UNIT-IV <ul style="list-style-type: none"><li>• Slope Analysis</li><li>• G. H. Smith's Method of Relative Relief</li><li>• Exercise</li></ul>
14 May, 2023	<b>Sunday</b>
17 May, 2023 Onwards	<b>University Examinations</b>



# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Muskan

Class- M.Sc. Final, Semester IV

Subject- Geography

Paper- GEOG-401, Geographical Thought

February, 2023 1 <sup>st</sup> Week 1Feb-4 Feb	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Classification of Knowledge</li><li>• Nature of Geography</li></ul>
5 Feb, 2023	<b>Guru Ravidas Jayanti, Sunday</b>
2 <sup>nd</sup> Week 6 Feb -11 Feb	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Geography place among sciences</li><li>• Nature of Geographic knowledge</li><li>• During Ancient Period (Greek and Roman)</li><li>• During Medieval Period (Arab)</li></ul>
12 Feb, 2023	<b>Sunday</b>
3 <sup>rd</sup> Week 13 Feb -17 Feb	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Foundation of Modern Geography</li><li>• Varenius ,Kant</li><li>• Humboldt ,Ritter</li></ul>
18 Feb, 2023 19 Feb, 2023	<b>MahaShivaratri</b> <b>Sunday</b>
4 <sup>th</sup> Week 20 Feb -25 Feb	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Emergence of Geography</li><li>• Physical Features</li><li>• Chorology</li><li>• Landscape</li></ul>
26 Feb, 2023	<b>Sunday</b>
5 <sup>th</sup> Week 27 Feb -28 Feb	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Concepts and Dualism in Geography</li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Muskan

Class- M.Sc. Final, Semester IV

Subject- Geography

Paper- GEOG-401, Geographical Thought

March, 2023 1 <sup>st</sup> Week 1 March -4 March	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Environmental Determinism and Possibilism</li><li>• Areal Differentiation</li></ul>
2 <sup>nd</sup> Week 5 March -12 March, 2023	<b>Holi Break</b>
3 <sup>rd</sup> Week 13 March-18 March	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Areal Differentiation</li><li>• Physical vs. Human Geography ,Systematic vs. Regional Geography</li></ul>
19 March,2023	<b>Sunday</b>
4 <sup>th</sup> Week 20 March-25 March	<b>UNIT-III</b> <ul style="list-style-type: none"><li>• Quantitative Revolution</li></ul>
23 March, 2023	<b>Shaheedi Diwas/Martyrdom Day of Bhagat Singh, Rajguru &amp; Sukhdev</b>
26 March, 2023	<b>Sunday</b>
30 March, 2023	<b>Ram Navmi</b>
5 <sup>th</sup> Week 27 March- 31 March	<b>UNIT-III</b> <ul style="list-style-type: none"><li>• Positivist Explanation in Geography</li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May 2023)

Name of the Teacher – Ms. Muskan  
Class- M.Sc. Final, Semester IV  
Subject- Geography  
Paper- GEOG-401, Geographical Thought

April, 2023 1 <sup>st</sup> Week 1 April, 2023	UNIT-IV <ul style="list-style-type: none"><li>Behavioral and Humanistic</li></ul>
2 April, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 3 April -8 April	UNIT-IV <ul style="list-style-type: none"><li>Social Relevance in Geography</li></ul>
4 April, 2023 9 April, 2023	<b>Mahavir Jayanti</b> <b>Sunday</b>
3 <sup>rd</sup> Week 10April - 15April	UNIT-IV <ul style="list-style-type: none"><li>Welfare ,Radical</li></ul>
14 April, 2023 16 April, 2023	<b>Vaisakhi/Dr. B.R. Ambedkar Jayanti</b> <b>Sunday</b>
4 <sup>th</sup> Week 17 April -21 April	<b>Sessional Exams</b>
22 April, 2023 23 April, 2023	<b>Id-UI-Fitr/Parshuram Jayanti</b> <b>Sunday</b>
5 <sup>th</sup> Week 24 April -29 April	UNIT-IV <ul style="list-style-type: none"><li>Social Relevance in Geography</li></ul>
30 April, 2023	<b>Sunday</b>

# KVA DAV College for Women, Karnal

## Lesson Plan for the Even Semester (February to May, 2023)

Name of the Teacher – Ms. Muskan

Class- M.Sc. Final, Semester IV

Subject- Geography

Paper- GEOG-401, Geographical Thought

May, 2023 1 <sup>st</sup> Week 1 May -6 May	UNIT-IV <ul style="list-style-type: none"><li>Feminist</li><li>Postmodernism and Geography</li></ul>
7 May, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 8 May -13 May	<ul style="list-style-type: none"><li>Revision</li></ul>
14 May, 2023	<b>Sunday</b>
17 May, 2023 Onwards	<b>University Examinations</b>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Sonia

Class- M.Sc. Final, Semester IV

Subject- Geography

Paper- GEOE-402, Hydrology and Oceanography

<b>February, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 Feb-4 Feb</b>	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Definition of Hydrology</li><li>• Nature of Hydrology</li><li>• Scope and Historical Development of Hydrology</li></ul>
<b>5 Feb, 2023</b>	<b>Guru Ravidas Jayanti, Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>6Feb -11Feb</b>	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Relationship of hydrology with other physical sciences</li><li>• Hydrological Cycle</li></ul>
<b>12Feb, 2023</b>	<b>Sunday</b>
<b>3<sup>rd</sup> Week</b> <b>13Feb -17 Feb</b>	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Estimation of Global Water Budget</li><li>• Human Impact on Hydrological Cycle</li></ul>
<b>18 Feb, 2023</b> <b>19 Feb,2023</b>	<b>Maha Shivaratri</b> <b>Sunday</b>
<b>4<sup>th</sup> Week</b> <b>20Feb -25 Feb</b>	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Rainfall frequency</li><li>• Rainfall Intensity and measurement</li><li>• Accuracy of rainfall measurement</li></ul>
<b>26 Feb, 2023</b>	<b>Sunday</b>
<b>5<sup>th</sup> Week</b> <b>27 Feb -28 Feb</b>	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Determination of Average Rainfall - Arithmetic mean</li><li>• Determination of Average Rainfall - Thiessen polygon</li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan for the Even Semester (February to May, 2023)

Name of the Teacher – Ms. Sonia

Class- M.Sc. Final, Semester IV

Subject- Geography

Paper- GEOE-402, Hydrology and Oceanography

March, 2023 1 <sup>st</sup> Week 1 March -4 March	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Determination of Average Rainfall – isohyets methods</li><li>• Variations in rainfall and world distribution</li><li>• Sources and measurement of stream flow</li></ul>
2 <sup>nd</sup> Week 5 March -12 March, 2023	<b>Holi Break</b>
3 <sup>rd</sup> Week 13 March-18 March	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Hydrograph and its component</li><li>• Analysis of Hydrograph</li><li>• Factors affecting the hydrograph shape</li></ul>
19 March, 2023	<b>Sunday</b>
4 <sup>th</sup> Week 20 March-25 March	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Methods of Hydrograph separation</li><li>• Variations in runoff</li><li>• Rainfall-runoff relationship</li></ul>
23 March, 2023	<b>Shaheedi Diwas/Martyrdom Day of Bhagat Singh, Rajguru &amp; Sukhdev</b>
26 March, 2023	<b>Sunday</b>
30 March, 2023	<b>Ram Navmi</b>
5 <sup>th</sup> Week 27 March- 31 March	<b>UNIT-III</b> <ul style="list-style-type: none"><li>• Major topographic features of ocean basins</li><li>• Major topographic features of ocean basins</li><li>• Bottom relief of Atlantic Ocean</li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May 2023)

Name of the Teacher – Ms. Sonia

Class- M.Sc. Final, Semester IV

Subject- Geography

Paper- GEOE-402, Hydrology and Oceanography

April, 2023 1 <sup>st</sup> Week 1 April, 2023	UNIT-III <ul style="list-style-type: none"><li>Bottom relief of Pacific Ocean</li></ul>
2 April, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 3 April -8 April	UNIT-III <ul style="list-style-type: none"><li>Bottom relief of Indian Ocean</li><li>Sources, classification and distribution of ocean deposits</li><li>Corals-origin</li><li>Corals- Types Bottom relief of Indian Ocean</li></ul>
4 April, 2023 9 April, 2023	<b>Mahavir Jayanti</b> <b>Sunday</b>
3 <sup>rd</sup> Week 10 April -15 April	UNIT-III <ul style="list-style-type: none"><li>Conditions for development of Corals</li><li>Theories of the origin of coral reefs (Subsidence and standstill).</li></ul>
14 April, 2023 16 April, 2023	<b>Vaisakhi/Dr. B.R. Ambedkar Jayanti</b> <b>Sunday</b>
4 <sup>th</sup> Week 17 April -21 April	<b>Sessional Exams</b>
22 April, 2023 23 April, 2023	<b>Id-Ul-Fitr/Parshuram Jayanti</b> <b>Sunday</b>
5 <sup>th</sup> Week 24 April -29 April	UNIT-IV <ul style="list-style-type: none"><li>Ocean Currents – Origin and Causes</li><li>Ocean Currents – Types</li><li>Effects of the ocean currents</li></ul>
30 April, 2023	<b>Sunday</b>

# KVA DAV College for Women, Karnal

## Lesson Plan for the Even Semester (February to May, 2023)

Name of the Teacher – Ms. Sonia

Class- M.Sc. Final, Semester IV

Subject- Geography

Paper- GEOE-402, Hydrology and Oceanography

May, 2023 1 <sup>st</sup> Week 1 May -6 May	UNIT-IV <ul style="list-style-type: none"><li>• Currents of the Atlantic, Pacific and Indian oceans</li><li>• Oceanic temperature – Introduction</li><li>• Distribution of Oceanic temperature</li></ul>
7 May, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 8 May -13 May	UNIT-IV <ul style="list-style-type: none"><li>• Causes of Variation in Ocean temperature</li><li>• Composition of oceanic water</li><li>• Distribution of salinity.</li><li>• Revision</li></ul>
14 May, 2023	<b>Sunday</b>
17 May, 2023 Onwards	<b>University Examinations</b>



# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Pinki Rani

Class- M.Sc. Final, Semester IV

Subject- Geography

Paper- GEOG-403(i), Regional Geography of India (With Special Reference to Haryana)

February, 2023 1 <sup>st</sup> Week 1 Feb-4 Feb	UNIT-I <ul style="list-style-type: none"><li>• Concept of Region and Regionalization</li></ul>
5 Feb, 2023	<b>Guru Ravidas Jayanti, Sunday</b>
2 <sup>nd</sup> Week 6 Feb -11Feb	UNIT-I <ul style="list-style-type: none"><li>• Types of Regions and Regionalization</li><li>• Regional Diversities in India</li></ul>
12 Feb, 2023	<b>Sunday</b>
3 <sup>rd</sup> Week 13 Feb -17 Feb	UNIT-I <ul style="list-style-type: none"><li>• Critical Review of schemes of regionalization of India by Baker and stamp</li><li>• Critical Review of schemes of regionalization of India by Pithawala</li><li>• Critical Review of schemes of regionalization of India by Spate</li></ul>
18 Feb, 2023 19 Feb, 2023	<b>Maha Shivaratri Sunday</b>
4 <sup>th</sup> Week 20 Feb -25 Feb	UNIT-I <ul style="list-style-type: none"><li>• Critical Review of schemes of regionalization of India by Learmonth</li><li>• Critical Review of schemes of regionalization of India by R L Singh</li></ul>
26 Feb, 2023	<b>Sunday</b>
5 <sup>th</sup> Week 27 Feb -28 Feb	UNIT-II <ul style="list-style-type: none"><li>• Macro Regions of India – Himalayas</li><li>• Macro Regions of India – Indo-Ganga Plains</li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Pinki Rani

Class- M.Sc. Final, Semester IV

Subject- Geography

Paper- GEOG-403(i), Regional Geography of India (With Special Reference to Haryana)

March, 2023 1 <sup>st</sup> Week 1 March -4 March	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Macro Regions of India – Indo-Ganga Plains</li><li>• Macro Regions of India – Indian Peninsula</li></ul>
2 <sup>nd</sup> Week 5 March -12 March, 2023	<b>Holi Break</b>
3 <sup>rd</sup> Week 13 March-18 March	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Physical and Socio – Economic characteristics of Macro Regions of India</li><li>• Bases of demarcation of Meso Regions in India</li><li>• Meso Regions of India</li></ul>
19 March,2023	<b>Sunday</b>
4 <sup>th</sup> Week 20 March-25 March	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Schemes of socio-economic regionalization by Ashok Mitra</li><li>• Schemes of socio-economic regionalization by P. Sen. Gupta &amp; Galina Sadasyuk</li><li>• Schemes of socio-economic regionalization by B.K. Roy.</li></ul>
23 March, 2023 26 March, 2023	<b>Shaheedi Diwas/Martyrdom Day of Bhagat Singh, Rajguru &amp; Sukhdev</b> <b>Sunday</b>
30 March, 2023	<b>Ram Navmi</b>
5 <sup>th</sup> Week 27 March- 31 March	<b>UNIT-III</b> <ul style="list-style-type: none"><li>• Physical Diversity in Haryana<ul style="list-style-type: none"><li>○ Relief</li><li>○ Climate</li><li>○ Drainage</li></ul></li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May 2023)

Name of the Teacher – Ms. Pinki Rani

Class- M.Sc. Final, Semester IV

Subject- Geography

Paper- GEOG-403(i), Regional Geography of India (With Special Reference to Haryana)

April, 2023 1 <sup>st</sup> Week 1 April, 2023	<b>UNIT-III</b> <ul style="list-style-type: none"><li>• Physical Diversity in Haryana<ul style="list-style-type: none"><li>○ Groundwater</li></ul></li></ul>
2 April, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 3 April -8 April	<b>UNIT-III</b> <ul style="list-style-type: none"><li>• Physical Diversity in Haryana<ul style="list-style-type: none"><li>○ Soils</li><li>○ Natural Vegetation</li></ul></li><li>• Agriculture and its spatial organization</li></ul>
4 April, 2023 9 April, 2023	<b>Mahavir Jayanti</b> <b>Sunday</b>
3 <sup>rd</sup> Week 10 April -15 April	<b>UNIT-IV</b> <ul style="list-style-type: none"><li>• Economic Diversity in Haryana<ul style="list-style-type: none"><li>○ Industry</li><li>○ Transport</li><li>○ Communication</li></ul></li></ul>
14 April, 2023 16 April, 2023	<b>Vaisakhi/Dr. B.R. Ambedkar Jayanti</b> <b>Sunday</b>
4 <sup>th</sup> Week 17 April -21 April	<b>Sessional Exams</b>
22 April, 2023 23 April, 2023	<b>Id-Ul-Fitr/Parshuram Jayanti</b> <b>Sunday</b>
5 <sup>th</sup> Week 24 April -29 April	<b>UNIT-IV</b> <ul style="list-style-type: none"><li>• Demographic characteristics of Haryana</li><li>• Demographic Diversity in Haryana.</li></ul>
30 April, 2023	<b>Sunday</b>

# KVA DAV College for Women, Karnal

## Lesson Plan for the Even Semester (February to May, 2023)

Name of the Teacher – Ms. Pinki Rani

Class- M.Sc. Final, Semester IV

Subject- Geography

Paper- GEOG-403(i), Regional Geography of India (With Special Reference to Haryana)

<b>May, 2023</b> <b>1<sup>st</sup> Week</b> <b>1 May -6 May</b>	<b>UNIT-IV</b> <ul style="list-style-type: none"><li>• Social diversity In Haryana<ul style="list-style-type: none"><li>○ Education</li><li>○ Health</li></ul></li></ul>
<b>7 May, 2023</b>	<b>Sunday</b>
<b>2<sup>nd</sup> Week</b> <b>8 May -13 May</b>	<b>UNIT-IV</b> <ul style="list-style-type: none"><li>• Social region of Haryana</li><li>• Revision</li></ul>
<b>14 May, 2023</b>	<b>Sunday</b>
<b>17 May, 2023</b> <b>Onwards</b>	<b>University Examinations</b>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Sonia

Class- M.Sc. Final, Semester IV

Subject- Geography

Paper- GEOG-404(v), Urbanization in India

February, 2023 1 <sup>st</sup> Week 1 Feb-4 Feb	<b>UNIT-I</b> <ul style="list-style-type: none"> <li>History of urbanization in India <ul style="list-style-type: none"> <li>Ancient Phase</li> <li>Medieval Phase</li> <li>Colonial Phase cont.....</li> </ul> </li> </ul>
5Feb, 2023	<b>Guru Ravidas Jayanti, Sunday</b>
2 <sup>nd</sup> Week 6 Feb -11Feb	<b>UNIT-I</b> <ul style="list-style-type: none"> <li>History of urbanization in India <ul style="list-style-type: none"> <li>Colonial Phase</li> <li>Post-independence Phase</li> </ul> </li> <li>Processes of urbanization <ul style="list-style-type: none"> <li>Socio-cultural Process</li> </ul> </li> </ul>
12Feb, 2023	<b>Sunday</b>
3 <sup>rd</sup> Week 13Feb -17 Feb	<b>UNIT-I</b> <ul style="list-style-type: none"> <li>Processes of urbanization <ul style="list-style-type: none"> <li>Political Process</li> <li>Economic Process</li> <li>Geographical Process</li> </ul> </li> </ul>
18 Feb, 2023 19 Feb, 2023	<b>Maha Shivaratri Sunday</b>
4 <sup>th</sup> Week 20Feb -25 Feb	<b>UNIT-II</b> <ul style="list-style-type: none"> <li>Patterns of urbanization: Settlement structure</li> <li>Level of urbanization</li> </ul>
26 Feb, 2023	<b>Sunday</b>
5 <sup>th</sup> Week 27 Feb -28 Feb	<b>UNIT-II</b> <ul style="list-style-type: none"> <li>Criteria of measurement of Level of urbanization</li> <li>Spatial patterns of urbanization in India</li> </ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Sonia

Class- M.Sc. Final, Semester IV

Subject- Geography

Paper- GEOG-404(v), Urbanization in India

March, 2023 1 <sup>st</sup> Week 1 March -4 March	<b>UNIT-II</b> Recent trends of urbanization in India.
2 <sup>nd</sup> Week 5 March -12 March, 2023	<b>Holi Break</b>
3 <sup>rd</sup> Week 13 March-18 March	<b>UNIT-III</b> <ul style="list-style-type: none"><li>• Urban regions of India</li><li>• Case studies of metropolitan regions</li><li>• Delhi</li><li>• Mumbai</li></ul>
19 March, 2023	<b>Sunday</b>
4 <sup>th</sup> Week 20 March-25 March	<b>UNIT-III</b> <ul style="list-style-type: none"><li>• Case studies of metropolitan regions</li><li>• Kolkata</li><li>• Chennai</li><li>• Contemporary Urban issues</li><li>• Urban poverty</li></ul>
23 March, 2023	<b>Shaheedi Diwas/Martyrdom Day of Bhagat Singh, Rajguru &amp; Sukhdev</b>
26 March, 2023	<b>Sunday</b>
30 March, 2023	<b>Ram Navmi</b>
5 <sup>th</sup> Week 27 March- 31 March	<b>UNIT-III</b> <ul style="list-style-type: none"><li>• Contemporary Urban issues</li><li>• Slums</li><li>• urban renewal</li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May 2023)

Name of the Teacher – Ms. Sonia

Class- M.Sc. Final, Semester IV

Subject- Geography

Paper- GEOG-404(v), Urbanization in India

April, 2023 1 <sup>st</sup> Week 1 April, 2023	UNIT-III <ul style="list-style-type: none"><li>Contemporary Urban issues</li><li>urban renewal</li></ul>
2 April, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 3 April -8 April	UNIT-III <ul style="list-style-type: none"><li>Contemporary Urban issues</li><li>urban infrastructure</li><li>solid waste management</li></ul>
4 April, 2023 9 April, 2023	<b>Mahavir Jayanti</b> <b>Sunday</b>
3 <sup>rd</sup> Week 10April - 15April	UNIT-IV <ul style="list-style-type: none"><li>Role of urbanization in Economic change</li><li>Role of urbanization in social change.</li></ul>
14 April, 2023 16 April, 2023	<b>Vaisakhi/Dr. B.R. Ambedkar Jayanti</b> <b>Sunday</b>
4 <sup>th</sup> Week 17 April -21 April	<b>Sessional Exams</b>
22 April, 2023 23 April, 2023	<b>Id-Ul-Fitr/Parshuram Jayanti</b> <b>Sunday</b>
5 <sup>th</sup> Week 24 April -29 April	UNIT-IV <ul style="list-style-type: none"><li>Consequences of Special - economic Zone</li><li>Major Special - economic Zones in India</li></ul>
30 April, 2023	<b>Sunday</b>

# KVA DAV College for Women, Karnal

## Lesson Plan for the Even Semester (February to May, 2023)

Name of the Teacher – Ms. Sonia

Class- M.Sc. Final, Semester IV

Subject- Geography

Paper- GEOG-404(v), Urbanization in India

May, 2023 1 <sup>st</sup> Week 1 May -6 May	UNIT-IV <ul style="list-style-type: none"><li>National urbanization policy</li><li>Formation of Policy</li></ul>
7 May, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 8 May -13 May	UNIT-IV <ul style="list-style-type: none"><li>Key elements of the policy</li><li>National Urbanization Policies in India</li><li>Revision</li></ul>
14 May, 2023	<b>Sunday</b>
17 May, 2023 Onwards	<b>University Examinations</b>



# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Sonia

Class- M.Sc. Final, Semester IV

Subject- Geography

Paper- GEOG-405(A), Fundamentals of Geographical Information System (Theory)

February, 2023 1 <sup>st</sup> Week 2 Feb-4 Feb	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• GIS – Concept and Definition</li><li>• Development of GIS</li></ul>
5 Feb, 2023	<b>Guru Ravidas Jayanti, Sunday</b>
2 <sup>nd</sup> Week 9 Feb -11Feb	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Hardware and software requirements for GIS environment</li><li>• Types of Hardware used in GIS</li></ul>
12 Feb, 2023	<b>Sunday</b>
3 <sup>rd</sup> Week 15 Feb -17 Feb	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Types of Software used in GIS</li><li>• Data for GIS</li><li>• Concept of Data</li></ul>
18 Feb, 2023 19 Feb, 2023	<b>Maha Shivaratri Sunday</b>
4 <sup>th</sup> Week 22 Feb -25 Feb	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Spatial data and their sources</li><li>• Non –spatial data and their sources</li></ul>
26 Feb, 2023	<b>Sunday</b>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May, 2023)

Name of the Teacher – Ms. Sonia

Class- M.Sc. Final, Semester IV

Subject- Geography

Paper- GEOG-405(A), Fundamentals of Geographical Information System (Theory)

March, 2023 1 <sup>st</sup> Week 2 March -4 March	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Data Structure</li><li>• Vector</li><li>• Raster</li></ul>
2 <sup>nd</sup> Week 5 March -12 March, 2023	<b>Holi Break</b>
3 <sup>rd</sup> Week 16 March-18 March	<b>UNIT-I</b> <ul style="list-style-type: none"><li>• Data Base Management System</li><li>• Sources of errors in GIS database.</li></ul>
19 March, 2023	<b>Sunday</b>
4 <sup>th</sup> Week 23 March-25 March	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Map scale</li><li>• Map projection</li><li>• Types of Map Projections cont....</li></ul>
23 March, 2023	<b>Shaheedi Diwas/Martyrdom Day of Bhagat Singh, Rajguru &amp; Sukhdev</b>
26 March, 2023	<b>Sunday</b>
30 March, 2023	<b>Ram Navmi</b>
5 <sup>th</sup> Week 29 March- 31 March	<b>UNIT-II</b> <ul style="list-style-type: none"><li>• Types of Map Projections</li><li>• Need of projection</li></ul>

# KVA DAV College for Women, Karnal

## Lesson Plan For The Even Semester (February to May 2023)

Name of the Teacher – Ms. Sonia

Class- M.Sc. Final, Semester IV

Subject- Geography

Paper- GEOG-405(A), Fundamentals of Geographical Information System (Theory)

April, 2023 1 <sup>st</sup> Week 1 April, 2023	UNIT- II <ul style="list-style-type: none"><li>Spherical co-ordinate System .....</li></ul>
2 April, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 6 April -8 April	UNIT- II <ul style="list-style-type: none"><li>Spherical co-ordinate System</li><li>Properties of Spherical co-ordinate System</li><li>Integration of Remote Sensing data into GIS</li></ul>
4 April, 2023 9 April, 2023	<b>Mahavir Jayanti</b> <b>Sunday</b>
3 <sup>rd</sup> Week 13April - 15April	UNIT—II <ul style="list-style-type: none"><li>Application of GIS data in resource mapping</li></ul>
14 April, 2023 16 April, 2023	<b>Vaisakhi/Dr. B.R. Ambedkar Jayanti</b> <b>Sunday</b>
4 <sup>th</sup> Week 17 April -21 April	<b>Sessional Exams</b>
22 April, 2023 23 April, 2023	<b>Id-Ul-Fitr/Parshuram Jayanti</b> <b>Sunday</b>
5 <sup>th</sup> Week 27 April -29 April	UNIT - II Application of GIS data in resource mapping contd...
30 April, 2023	<b>Sunday</b>

KVA DAV College for Women, Karnal

## Lesson Plan for the Even Semester (February to May, 2023)

Name of the Teacher – Ms. Sonia

Class- M.Sc. Final, Semester IV

Subject- Geography

Paper- GEOG-405(A), Fundamentals of Geographical Information System (Theory)

May, 2023 1 <sup>st</sup> Week 4 May -6 May	UNIT-II <ul style="list-style-type: none"><li>• Application of GIS data in Urban management</li><li>• Real time mapping</li></ul>
7 May, 2023	<b>Sunday</b>
2 <sup>nd</sup> Week 11 May -13 May	UNIT-II <ul style="list-style-type: none"><li>• Current issues in GIS</li><li>• Revision</li></ul>
14 May, 2023	<b>Sunday</b>
17 May, 2023 Onwards	<b>University Examinations</b>