

## Kanya Mahavidyalaya, Kharkhoda (Sonepat)

### Lesson Plan Session 2020-21

Name of the Assistant/Associate Professor: MRS. ANNU
Class and Section: M.A GEOGRAPHY PREVIOUS YEAR
Subject: GEOGRAPHY
Paper: CLIMATOLOGY
Year/Semester: 1 <sup>st</sup>

#### JANUARY 2021

Month/Week	Topic
JANUARY ( Week-1 )	<b>CLIMATOLOGY:</b> introduction, definition, nature and Scope of Climatology; Climatic elements – atmospheric temperature: definition, factors affecting temperature, distribution of temperature on the earth.
JANUARY ( Week-2 )	<b>Atmospheric pressure:</b> introduction, definition, vertical and horizontal distribution of atmospheric pressure. Atmospheric moisture: introduction and meaning, ways to express humidity.
JANUARY ( Week-3 )	<b>General atmospheric circulations:</b> introduction and mechanism of general circulation; jet stream: definition, characteristics, development cycle of jet stream and importance.
JANUARY ( Week-4 )	<b>Weather system and disturbances</b> – Air-mass: meaning and definition, classification of air mass; Fronts: meaning and definition, characteristics, types of fronts. Airmass and fronts through PPT

#### FEBRUARY 2021

Month/Week	Topic
FEBRUARY ( Week-1 )	<b>Cyclones:</b> meaning and definition, general characteristics, types of cyclone; temperate cyclone- origin and development of stages.

<b>FEBRUARY ( Week-2)</b>	<b>Tropical cyclone:</b> origin and characteristics; <b>Tornades: introduction, characteristics, origin and distribution.</b>
<b>FEBRUARY ( Week-3)</b>	<b>Ocean atmospheric interaction-</b> El Nino, Monsoon winds through PPT.
<b>FEBRUARY ( Week-4)</b>	<b>Global climate system</b> - Approaches to climatic classification: empirical, genetic and quantitative approaches.

**MARCH 2021**

<b>Month/Week</b>	<b>Topic</b>
<b>MARCH ( Week-1)</b>	<b>Climatic Classification</b> of Koppen and Thornthwaite.
<b>MARCH ( Week-2)</b>	<b>Major Climates of the world</b> -tropical and polar. Climatic change and evidences, possible causes.
<b>MARCH ( Week-3)</b>	<b>Global warming:</b> introduction, causes and impact; <b>Acid rain</b> and problems of acid rain.
<b>MARCH (Week-4)</b>	<b>ASSIGNMENT AND TEST AND REVISION.</b>

## Kanya Mahavidyalaya, Kharkhoda (Sonepat)

### Lesson Plan Session 2020-21

Name of the Assistant/Associate Professor: Mrs. REKHA
Class and Section: M.A GEOGRAPHY PREVIOUS YEAR
Subject: GEOGRAPHY
Paper: GEOMORPHOLOGY
Year/Semester: 1 <sup>st</sup>

#### JANUARY 2021

Month/Week	Topic
JANUARY ( Week-1 )	<b>Geomorphology</b> - Definition, Nature and scope, History and development of geomorphic ideas: Fundamental concepts - Uniformitarian's, geological structure, process and stage.
JANUARY ( Week-2)	<b>The Earth's interior</b> - structure and constitution, Recent Views. Plate tectonics- meaning and concept; plates, plate margins and boundaries; plate motion; Tectonic activities along the boundaries and Distribution of plates.
JANUARY ( Week-3)	<b>Endogenetic processes</b> - Faulting folding and their types and geomorphic expressions.
JANUARY ( Week-4)	<b>Earthquake concept</b> : causes, classification, intensity and magnitude, Geographical distribution. <b>Vulcanism</b> : concept, mechanism and causes.

#### FEBRUARY 2021

Month/Week	Topic
FEBRUARY ( Week-1)	<b>Volcanoes</b> : classification, volcanic materials; Topography associated with vulcanicity and geographical distribution
FEBRUARY ( Week-2)	<b>Exogenetic processes</b> : Weathering and mass wasting - meaning and concept, controlling factors, classification and significance.

<b>FEBRUARY ( Week-3)</b>	Landform produced by Erosional and depositional work of winds or Aeolian; landforms produced by erosional and depositional work of karst process.
<b>FEBRUARY ( Week-4)</b>	Landforms produced by erosional and depositional work of fluvial or river; landform produced by erosional and depositional work of glacial.

**MARCH 2021**

<b>Month/Week</b>	<b>Topic</b>
<b>MARCH ( Week-1)</b>	<b>Applied Geomorphology</b> : meaning; Applications of Geomorphology in Regional planning, engineering projects, mineral exploration and hydrology.
<b>MARCH ( Week-2)</b>	Regional Geomorphology of Punjab plain, Aravalli Region .
<b>MARCH ( Week-3)</b>	Regional Geomorphology of Thar desert of India.
<b>MARCH (Week-4)</b>	<b>ASSIGNMENT AND TEST AND REVISION</b>

**Kanya Mahavidyalaya, Kharkhoda (Sonepat)**

**Lesson Plan Session 2020-21**

<b>Name of the Assistant/Associate Professor: MS. NISHA</b>
<b>Class and Section: M.A GEOGRAPHY PREVIOUS YEAR</b>
<b>Subject: GEOGRAPHY</b>
<b>Paper: STATISTICAL METHODS IN GEOGRAPHY</b>
<b>Year/Semester: 1<sup>st</sup></b>

**JANUARY 2021**

<b>Month/Week</b>	<b>Topic</b>
<b>JANUARY ( Week-1 )</b>	<b>Statistics:</b> meaning and definition, scope and division of statistics Geography and Statistics; Significance of Statistics in geographical studies;
<b>JANUARY ( Week-2)</b>	<b>Types of data:</b> Primary and Secondary Data; Levels of data measurement: Nominal, Ordinal, Interval, and Ratio.
<b>JANUARY ( Week-3)</b>	<b>Measures of Central Tendency:</b> Arithmetic Mean, Median, Mode and their geographical significance and its different methods to calculate.
<b>JANUARY ( Week-4)</b>	<b>Centrographic techniques:</b> Mean Centre, Median Centre and Standard Distance and their relevance in geography.

**FEBRUARY 2021**

Month/Week	Topic
FEBRUARY ( Week-1)	<b>Measures of dispersion and concentration:</b> Mean deviation with their different methods and series like individual series, discrete series and continuous series.
FEBRUARY ( Week-2)	<b>Measures of dispersion and concentration:</b> standard deviation with their different methods and series like individual series, discrete series and continuous series
FEBRUARY ( Week-3)	Coefficient of Variation, Lorenz Curve and its relevance in geography, Gini's Coefficient and its methods; Location Quotient and its importance in geography.
FEBRUARY ( Week-4)	<b>Correlation and regression:</b> Scatter diagram, correlation by Spearman's Rank Difference: direct method and short cut method.

#### MARCH 2021

Month/Week	Topic
MARCH ( Week-1)	<b>Correlation and regression:</b> Karl Pearson's Product Moment: direct method and short cut method; Significance testing of Correlation.
MARCH ( Week-2)	Regression analysis regression equations construction of regression line, computation of residuals and mapping.
MARCH ( Week-3)	<b>REGRESSION ANALYSIS:</b> x on y and y on x with their different methods like short cut, direct methods.
MARCH (Week-4)	<b>ASSIGNMENT AND TEST AND REVISION</b>

## Kanya Mahavidyalaya, Kharkhoda (Sonapat)

### Lesson Plan Session 2020-21

Name of the Assistant/Associate Professor: Ms. NISHA
Class and Section: M.A GEOGRAPHY PREVIOUS YEAR
Subject: GEOGRAPHY
Paper: RESOURCES GEOGRAPHY
Year/Semester: 1 <sup>st</sup>

#### JANUARY 2021

Month/Week	Topic
JANUARY ( Week-1 )	<b>RESOURCE GEOGRAPHY:</b> Introduction, meaning and definition, Nature, Scope and Significance.
JANUARY ( Week-2 )	<b>RESOURCES:</b> Definition and Concept of Resources, Classification of Resources.
JANUARY ( Week-3 )	<b>Models of Natural Resource Processes:</b> Zimmermann's Primitive and Advance Models of Natural Resource Process.
JANUARY ( Week-4 )	<b>Models of Natural Resource Processes:</b> Kirk's Decision Model, Brookfield System Model.

#### FEBRUARY 2021

Month/Week	Topic
FEBRUARY ( Week-1 )	<b>Use and Misuse of Resources:</b> Soil Resource; ; Future Prospects of Soil Resources.
FEBRUARY ( Week-2 )	<b>Use and Misuse of Resources:</b> Water Resource; Future Prospects of water Resources.
FEBRUARY ( Week-3 )	<b>Use and Misuse of Resources:</b> Forest Resource; Future Prospects of forest Resources.
FEBRUARY ( Week-4 )	<b>Use and Misuse of Resources:</b> mineral resources; Future Prospects of mineral Resources.

MARCH 2021

Month/Week	Topic
<b>MARCH ( Week-1)</b>	<b>Conservation and Management of Natural Resources</b> : Meaning and Concept of Conservation of Natural Resources.
<b>MARCH ( Week-2)</b>	<b>Resource Conservation and Management Methods of Natural Resources</b> - Soil Resource, Water Resource, and Forest Resource.
<b>MARCH ( Week-3)</b>	Problems of Natural Resource Management in India.
<b>MARCH (Week-4)</b>	<b>ASSIGNMENT AND TEST AND REVISION.</b>



## Kanya Mahavidyalaya, Kharkhoda (Sonepat)

### Lesson Plan Session 2020-21

Name of the Assistant/Associate Professor: MS. NISHA
Class and Section: M.A PREVIOUS YEAR
Subject: GEOGRAPHY
Paper: GEOGRAPHY OF INDIA
Year/Semester: 2 <sup>nd</sup> semester

#### MAY 2021

Month/Week	Topic
May( Week-1)	<b>Physiographic division of India:</b> Himalayas, north Indian plain, the peninsular plateau, coastal parts and islands.
May( Week-2 )	<b>Drainage systems</b> and "Mechanism of Indian monsoons".
May ( Week-3)	<b>Climatic regions of India:</b> types of soils and natural vegetation.
May ( Week-4)	<b>POPULATION:</b> Growth of population, Distribution and density of population.

#### June 2021

Month/Week	Topic
June ( Week-1)	<b>Demographic attributes:</b> sex-ratio, literacy rate and work force.
June ( Week-2)	Population problems and policies regarding population control.
June ( Week-3)	<b>INDIAN AGRICULTURE:</b> characteristics of Indian agriculture and its development since independence.
June ( Week-4)	Agricultural region of India; Major industrial regions of India.

**July 2021**

<b>Month/Week</b>	<b>Topic</b>
<b>July ( Week-1)</b>	Domestic and international trade patterns; Transportation network of India.
<b>July ( Week-2)</b>	Evolution of administrative map of India since independence; Disputes of river water sharing amongst states with reference to SYL; Inter - linking of rivers.
<b>July ( Week-3)</b>	Terrorism problems of internal security; Population explosion and food security.
<b>July (Week-4)</b>	<b>REVISION TEST AND ASSIGNMENT.</b>

## Kanya Mahavidyalaya, Kharkhoda (Sonepat)

### Lesson Plan Session 2020-21

<b>Name of the Assistant/Associate Professor: MS. NISHA</b>
<b>Class and Section: M.A PREVIOUS YEAR</b>
<b>Subject: GEOGRAPHY</b>
<b>Paper: ENVIRONMENTAL GEOGRAPHY</b>
<b>Year/Semester: 2<sup>nd</sup> semester</b>

#### MAY 2021

<b>Month/Week</b>	<b>Topic</b>
<b>May( Week-1)</b>	Environmental Geography: Nature and scope of environmental geography, fundamental concepts of environmental geography.
<b>May( Week-2 )</b>	Approaches and methods in Environmental Geography; Relationship with other branches of knowledge.
<b>May ( Week-3)</b>	Environment and Ecology: Meaning, structure and type of Environment.
<b>May ( Week-4)</b>	Ecology - meaning, scope and concepts. Sub-vision of ecology.

#### June 2021

<b>Month/Week</b>	<b>Topic</b>
<b>June ( Week-1)</b>	Ecosystem: Meaning and concepts of ecosystem, Classification and components of eco-system, trophic structure.
<b>June ( Week-2)</b>	ecological pyramid, energy flow and biogeochemical cycle; Ecological regions of India.
<b>June ( Week-3)</b>	Environmental pollution- meaning, types, sources, causes and impacts. Green house effect, Global warming, Ozone depletion and

	Desertification.
<b>June ( Week-4)</b>	Air, Water and Land pollutions; Environmental Degradation – Nature, process, types and causes of environmental degradation.

**July 2021**

<b>Month/Week</b>	<b>Topic</b>
<b>July ( Week-1)</b>	Environmental management- concept, methods and approaches. Management of soil, forest and mineral resources.
<b>July ( Week-2)</b>	Disaster Management; Conservation of natural resources; Emerging environmental problems and issues in India.
<b>July ( Week-3)</b>	Environmental policies, programmes, awareness and movements in India.
<b>July (Week-4)</b>	<b>REVISION TEST AND ASSIGNMENT.</b>

## Kanya Mahavidyalaya, Kharkhoda (Sonepat)

### Lesson Plan Session 2020-21

Name of the Assistant/Associate Professor: MRS. ANNU
Class and Section: M.A PREVIOUS YEAR
Subject: GEOGRAPHY
Paper: REGIONAL DEVELOPMENT AND PLANNING
Year/Semester: 2 <sup>nd</sup> semester

#### MAY 2021

Month/Week	Topic
May( Week-1)	<b>Conceptual and theoretical framework:</b> concept of development,
May( Week-2 )	Regional development ; concept of region and regional planning;
May ( Week-3)	Geography and regional planning; Selection of indicators and measures of regional disparities.
May ( Week-4)	<b>Regional Growth Theories:</b> Friedman's core periphery theory; polarization and trickle –down effect theory of Hirschman;

#### June 2021

Month/Week	Topic
June ( Week-1)	Circular and cumulative causation model of Myrdal; growth pole theory of Perroux.
June ( Week-2)	<b>Planning process:</b> types of planning; regional planning and its rationale, principles and objectives.
June ( Week-3)	<b>Regions for planning :</b> characteristics , hierarchy, need, and demarcation; planning regions of India.
June ( Week-4)	<b>REVISION: ORAL AND WRITTEN.</b>

July 2021

Month/Week	Topic
<b>July ( Week-1)</b>	Experiences of regional development and planning in India- multi level planning(state, district, block and Panchayat level planning);
<b>July ( Week-2)</b>	Regional policies in the Indian Five Year plans; planning policies for regional development ;
<b>July ( Week-3)</b>	<b>Regional backwardness:</b> criteria, strategy and programmes for backward area development.
<b>July (Week-4)</b>	<b>REVISION TEST AND ASSIGNMENT.</b>

## Kanya Mahavidyalaya, Kharkhoda (Sonepat)

### Lesson Plan Session 2020-21

<b>Name of the Assistant/Associate Professor: MRS. REKHA</b>
<b>Class and Section: M.A PREVIOUS YEAR</b>
<b>Subject: GEOGRAPHY</b>
<b>Paper: GEOGRAPHY OF WORLD ECONOMY</b>
<b>Year/Semester: 2<sup>nd</sup> semester</b>

#### MAY 2021

<b>Month/Week</b>	<b>Topic</b>
<b>May( Week-1)</b>	Economic Geography: introduction, The Stuff of Economic Geography, A brief history of economic geography, importance of Economic Geography.
<b>May( Week-2 )</b>	Modes of Theorizing in Economic Geography: introduction, Political Economy, Poststructuralist Economic Geography.
<b>May ( Week-3)</b>	Capitalism, Fundamental Concepts: Use-value, Exchange Value, Capital, Capital and Labour.
<b>May ( Week-4)</b>	Capital Accumulation, Capital Accumulation by Dispossession.

#### June 2021

<b>Month/Week</b>	<b>Topic</b>
<b>June ( Week-1)</b>	Capitalism in Twentieth Century: Organized Capitalism, Disorganized Capitalism..
<b>June ( Week-2)</b>	World Economy and the Capitalist mode of production.
<b>June ( Week-3)</b>	The Basic Elements of World Economy: A Single Market, a Multiple State System, the Three-tier structure.

<b>June ( Week-4)</b>	A Space-Time Matrix of the World Economy, Dynamics of World Economy, Spatial Structure of the World Economy.
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**July 2021**

<b>Month/Week</b>	<b>Topic</b>
<b>July ( Week-1)</b>	Economic Development: introduction and meaning of Globalization or Internationalization through ppt.
<b>July ( Week-2)</b>	Patterns of International Trade: recent trends in international trades.
<b>July ( Week-3)</b>	WTO and Developing Countries, Neo-Liberalism.
<b>July (Week-4)</b>	<b>REVISION TEST AND ASSIGNMENT.</b>