

GDC Memorial College, Bahal (Bhiwani)

(NAAC Accredited Grade "B")

Lesson Plan- January to June 2025

Name - Kousik Das Malakar

Department - Geography

Class - M.Sc. Geography

Subject - Regional Development & Planning

Semester – 4th

Subject Code - 19 GEO 401

Week 1	UNIT - 1
21-Jan-25	Introduction to the subjects and its outcome & objectives
22-Jan-25	Concept of Region and Regional Development
23-Jan-25	do
25-Jan-25	Classification of Region and Method of Region Delineation
Week -2	
28-Jan-25	Types of Planning Region
29-Jan-25	do
30-Jan-25	Class Test
Week-3	UNIT - 2
04-Feb-25	Trickle-down Theory
05-Feb-25	do
06-Feb-25	Growth Pole Model
08-Feb-25	Cumulative causation model
Week-4	
11-Feb-25	do
12-Feb-25	Core-Periphery Theory
13-Feb-25	Kuznets curve & Dependency theory
Week-5	
18-Feb-25	Bio-regionalism and Eco-feminism
19-Feb-25	do
20-Feb-25	Deep ecology and Sustainable development
22-Feb-25	Class Test
Week-6	UNIT - 3
25-Feb-25	Characteristics and need of Planning Region
26-Feb-25	do
27-Feb-25	Short-term and Long-term Perspective of Planning
Week-7	
04-Mar-25	Multi-regional planning in National Context
05-Mar-25	do
06-Mar-25	Sectoral-spatial development
08-Mar-25	do
Week-8	
11-Mar-25	Decentralization and Development

12-Mar-25	Neo-liberal economic framework
13-Mar-25	do
15-Mar-25	Class Test
Week-9	UNIT - 4
19-Mar-25	Regional Planning in India
20-Mar-25	Regional Imbalances - Causes and Consequences
22-Mar-25	Measurements of Regional Disparities
Week-10	
25-Mar-25	do
26-Mar-25	Planning Policies for Regional Development
27-Mar-25	do
29-Mar-25	Case Study - NCR
Week-11	
01-Apr-25	Backward area development
02-Apr-25	Tribal area development
03-Apr-25	do
Week-12	
08-Apr-25	Hilly area development
09-Apr-25	do
10-Apr-25	Arid, Flood and Drought prone area development plans
12-Apr-25	do
Week-13	
15-Apr-25	Class Test
16-Apr-25	Student's Problem
17-Apr-25	Student's Problem
Week-14	
22-Apr-25	Major Test
23-Apr-25	Presentation of Student
24-Apr-25	Presentation of Student
26-Apr-25	Presentation of Student
Week-15	
29-Apr-25	Revision
30-Apr-25	Revision

Signature of Faculty
Kousik Das Malakar

GDC Memorial College, Bahal (Bhiwani)

(NAAC Accredited Grade "B")

Lesson Plan- January to June 2025

Name - Kousik Das Malakar

Department - Geography

Class - M.Sc. Geography

Subject - Biogeography

Semester – 4th

Subject Code - 19 GEO 404

Week 1	UNIT - 1
20-Jan-25	Introduction to the subjects and its outcome & objectives
21-Jan-25	do
22-Jan-25	do
23-Jan-25	Nature, scope and significance of biogeography
24-Jan-25	do
Week -2	
27-Jan-25	Basic ecological principles
28-Jan-25	do
29-Jan-25	Bio-energy cycles in territorial ecosystem (Carbon)
30-Jan-25	do
31-Jan-25	do
Week-3	
03-Feb-25	Bio-energy cycles in territorial ecosystem (Nitrogen)
04-Feb-25	do
05-Feb-25	Energy flow
06-Feb-25	do
07-Feb-25	do
Week-4	
10-Feb-25	Trophic levels and Food Web
11-Feb-25	do
12-Feb-25	Origin of fauna and flora
13-Feb-25	do
14-Feb-25	Class Test
Week-5	UNIT - 2
17-Feb-25	Major biomes of the world
18-Feb-25	Forests
19-Feb-25	do
20-Feb-25	Grasslands
21-Feb-25	do
Week-6	
24-Feb-25	Deserts
25-Feb-25	Distribution of plant and its relation to Soil
27-Feb-25	Distribution of plant, its relation to Climate & Human Activities
Week-7	
03-Mar-25	Distribution of animals, its relation to climate&human activities
04-Mar-25	do
05-Mar-25	Distribution of animals and its relation to vegetation types
06-Mar-25	do
07-Mar-25	Class Test

Week-8	UNIT - 3
10-Mar-25	Communities: Nature of communities and Ecosystems
11-Mar-25	do
12-Mar-25	Bio-diversity
Week-9	
17-Mar-25	Human induced community change: Habitat Decay
18-Mar-25	do
19-Mar-25	do
20-Mar-25	Conservation of biotic resources
21-Mar-25	do
Week-10	
24-Mar-25	do
25-Mar-25	Ecosystem services and its significance
26-Mar-25	do
27-Mar-25	do
28-Mar-25	Class Test
Week-11	UNIT-4
31-Mar-25	Environmental hazards
01-Apr-25	do
02-Apr-25	Ecological consequences
03-Apr-25	do
04-Apr-25	do
Week-12	
07-Apr-25	Human perception & adjustment with Flood & Drought
08-Apr-25	do
09-Apr-25	Human perception & adjustment with earthquake
10-Apr-25	Bio-Reserves of India
11-Apr-25	do
Week-13	
14-Apr-25	National forest and wild life policy of India
15-Apr-25	do
16-Apr-25	Class Test
17-Apr-25	Student's Problem
Week-14	
21-Apr-25	Student's Problem
22-Apr-25	Student's Problem
23-Apr-25	Presentation of Student
24-Apr-25	Presentation of Student
25-Apr-25	Presentation of Student
Week-15	
28-Apr-25	Revision
29-Apr-25	Revision
30-Apr-25	Revision

Signature of Faculty
Kousik Das Malakar

GDC Memorial College, Bahal (Bhiwani)

(NAAC Accredited Grade "B")

Lesson Plan- January to June 2025

Name - Himanshu Grover

Department - Geography

Class - M.Sc. Geography

Subject - Geography of Haryana

Semester – 4th

Subject Code - 19 GEO 402

Week -1	UNIT-1
20.01.2025	Relief characteristics and physiographical divisions of Haryana
21.01.2025	do
22.01.2025	Drainage systems of Haryana
23.01.2025	do
Week -2	
24.01.2025	Chronology and Palaeo Channel of Sarasvati River
27.01.2025	do
28.01.2025	Climatic regions of state
29.01.2025	do
30.01.2025	Soil and vegetation of Haryana
Week-3	
03.02.2025	do
04.02.2025	Characteristics and Conservation of Forest Region in Haryana
05.02.2025	do
06.02.2025	do
07.02.2025	Class Test
Week-4	UNIT-2
10.02.2025	History of the State
11.02.2025	do
12.02.2025	do
13.02.2025	Demographic Attributes of Haryana
14.02.2025	do
Week-5	
17.02.2025	do
18.02.2025	do
19.02.2025	Population problems and Policies
20.02.2025	do
21.02.2025	Human Resources: Potential and Prospects (Haryana)
Week-6	
24.02.2025	do
25.02.2025	do
26.02.2025	Gender Ratio and Women Empowerment
27.02.2025	do
28.02.2025	Class Test
Week-7	UNIT-3
03.03.2025	Agro-climatic Region of Haryana
04.03.2025	do
04.03.2025	Traditional agriculture system
05.03.2025	do

06.03.2025	Agricultural development in Haryana and Problems
Week-8	
10.03.2025	do
11.03.2025	do
12.03.2025	Bhakra Nangal: Agriculture Potential and Management
13.03.2025	do
Week-9	
17.03.2025	Agro-processing Industries
18.03.2025	do
19.03.2025	Agriculture and Farmer Sustainability
20.03.2025	do
21.03.2025	Class Test
Week-10	UNIT-4
24.03.2025	Trend of Urbanisation
25.03.2025	do
26.03.2025	Pattern of Urbanisation
27.03.2025	do
28.03.2025	do
Week-11	
31.03.2025	Contemporary Issues and Challenges in Urban Areas
01.04.2025	do
02.04.2025	do
04.04.2025	Distribution of Natural and Human Resources
Week-12	
07.04.2025	do
08.04.2025	do
09.04.2025	Transport System and Growth
10.04.2025	do
11.04.2025	Manufacturing and Service Hubs
Week-13	
15.04.2025	Study of Automobile and Information and Technology Hub
18.04.2025	Class Test
21.04.2025	Irrigation: Types of irrigation
23.04.2025	Presentation of Student
24.04.2025	Revision
Week-14	
28.04.2025	Revision
30.04.2025	Revision

Signature of Faculty

GDC Memorial College, Bahal (Bhiwani)

NAAC Accredited Grade "B"

Lesson Plan- January to June 2025

Name - Sachin

Department - Geography

Class - M.Sc. Geography

Subject - Principles of GIS & Navigation System

Semester - 4th

Subject Code - 19 GEO 409

Week -1	UNIT - 1
20-Jan-25	Introduction to the subjects and its outcome & objectives
21-Jan-25	Definition and Applications OF GIS
22-Jan-25	do
23-Jan-25	GIS : Components and Elements
24-Jan-25	do
Week -2	
27-Jan-25	Geographic objects: point, line and area
28-Jan-25	do
29-Jan-25	do
30-Jan-25	Analog and Digital maps
31-Jan-25	Theoretical models and Framework for GIS
Week-3	
03-Feb-25	do
04-Feb-25	Coordinate systems and and Map projections
05-Feb-25	do
06-Feb-25	do
07-Feb-25	Class Test
Week-4	UNIT - 2
10-Feb-25	Nature of geographic data: Spatial and Attribute Data
11-Feb-25	do
12-Feb-25	Concept of vector and raster based models
13-Feb-25	do
14-Feb-25	do
Week-5	
17-Feb-25	Raster Data
18-Feb-25	do
19-Feb-25	Digitization
20-Feb-25	do
21-Feb-25	Data Input, Storage and Editing
Week-6	
24-Feb-25	do
25-Feb-25	do
26-Feb-25	Manipulation of GIS data bases
27-Feb-25	do
28-Feb-25	Class Test
Week-7	UNIT - 3
03-Mar-25	GIS and Spatial Analysis
04-Mar-25	do
05-Mar-25	do
06-Mar-25	Proximity analysis and Buffers
07-Mar-25	do

Week-8	
10-Mar-25	do
11-Mar-25	Raster and Vector based overlay and Their applications
12-Mar-25	do
Week-9	
17-Mar-25	do
18-Mar-25	Presentation of GIS output
19-Mar-25	do
20-Mar-25	do
21-Mar-25	Class Test
Week-10	UNIT-4
24-Mar-25	Introduction to the GNSS System
25-Mar-25	Working of GNSS system
26-Mar-25	do
27-Mar-25	Different GNSS Systems
28-Mar-25	do
Week-11	
31-Mar-25	GLONASS and GPS
01-Apr-25	do
02-Apr-25	NAVIC
03-Apr-25	Concepts of Projection
04-Apr-25	Projected Coordinate System
Week-12	
07-Apr-25	Geographic Coordinate System
08-Apr-25	Datum and Spheroid
09-Apr-25	do
10-Apr-25	Introduction to the Google Earth
11-Apr-25	do
Week-13	
14-Apr-25	Geographical Mapping with hand-held GPS
15-Apr-25	Class Test
16-Apr-25	Student's Problem
17-Apr-25	Student's Problem
18-Apr-25	Student's Problem
Week-14	
21-Apr-25	Presentation of Student
22-Apr-25	Presentation of Student
23-Apr-25	Presentation of Student
24-Apr-25	Presentation of Student
25-Apr-25	Revision
Week-15	
28-Apr-25	Revision
29-Apr-25	Revision
30-Apr-25	Revision

Signature of Faculty

GDC Memorial College, Bahal (Bhiwani)

NAAC Accredited Grade "B"

Lesson Plan- January to June 2025

Name - Priyanka

Department - Geography

Class - M.Sc. Geography

Subject - Settlement Geography

Semester - 4th

Subject Code - 19 GEO 407

Week-1	UNIT - 1
20-Jan-25	Introduction to the subjects and its outcome & objectives
21-Jan-25	Evolution, size and growth of Human settlements
23-Jan-25	do
24-Jan-25	Settlement :-size & distribution
25-Jan-25	do
Week-2	
27-Jan-25	Spatial distribution pattern of settlements
28-Jan-25	do
30-Jan-25	do
31-Jan-25	
1-Feb-25	Class Test
Week-3	UNIT - 2
3-Feb-25	Settlement Structure
4-Feb-25	do
6-Feb-25	do
7-Feb-25	Theories explaining internal morphological structure of cities
8-Feb-25	do
Week-4	
10-Feb-25	do
11-Feb-25	do
13-Feb-25	Functional classification of towns & villages
14-Feb-25	do
15-Feb-25	Class Test
Week-5	
17-Feb-25	Functions and Scope of Urban Centres
18-Feb-25	do
20-Feb-25	Land use Principles and Theories
21-Feb-25	do
22-Feb-25	do
Week-6	
24-Feb-25	Factors influencing the dynamics of Settlement Structure
25-Feb-25	do
27-Feb-25	do
28-Feb-25	do
1-Mar-25	Class Test
Week-7	UNIT - 3
3-Mar-25	Settlement Hierarchy
4-Mar-25	do
6-Mar-25	do
7-Mar-25	Theory of Christaller
8-Mar-25	do

Week-8	
10-Mar-25	do
11-Mar-25	do
15-Mar-25	Application of Christaller and Losch theories in Settlement Hierarchy
Week-9	
17-Mar-25	do
18-Mar-25	do
20-Mar-25	Hierarchy of settlements in India
21-Mar-25	do
22-Mar-25	Perspectives and Policies on Population and Human Settlements in India
Week-10	
24-Mar-25	do
25-Mar-25	Human settlements and Environment
27-Mar-25	do
28-Mar-25	do
29-Mar-25	Class Test
Week-11	UNIT-4
31-Mar-25	Perspectives and Policies on Population and Human Settlements in World
1-Apr-25	do
3-Apr-25	Environmental Factor's effecting Human Settlements
4-Apr-25	do
5-Apr-25	Class Test
Week-12	
7-Apr-25	Student's Problem
8-Apr-25	Student's Problem
10-Apr-25	Student's Problem
11-Apr-25	Student's Problem
12-Apr-25	Student's Problem
Week-13	
14-Apr-25	Major Test
15-Apr-25	Presentation of Student
17-Apr-25	Presentation of Student
18-Apr-25	Presentation of Student
19-Apr-25	Presentation of Student
Week-14	
21-Apr-25	Revision
22-Apr-25	Revision
24-Apr-25	Revision
25-Apr-25	Revision
26-Apr-25	Revision
Week-15	
28-Apr-25	Revision
29-Apr-25	Revision

Signature of Faculty

GDC Memorial College, Bahal (Bhiwani)

(NAAC Accredited Grade "B")

Lesson Plan- January to June 2025

Name - Kousik Das Malakar

Department - Geography

Class - M.Sc. Geography

Subject - Agricultural Geography

Semester - 2nd

Subject Code - 19 GEO 203

Week -1	UNIT - 1
20-Jan-25	Introduction to the subjects and its outcome & objectives
21-Jan-25	Nature, Scope and Significance of Agricultural Geography
22-Jan-25	do
24-Jan-25	Approaches in Agricultural Geography
25-Jan-25	do
Week -2	
27-Jan-25	Origin and dispersal of Agriculture
28-Jan-25	do
29-Jan-25	Factors effecting Agricultural Patterns
31-Jan-25	Class Test
Week-3	UNIT - 2
03-Feb-25	Concepts of Land Capability Classification
04-Feb-25	do
05-Feb-25	do
07-Feb-25	Land use and Cropping pattern
08-Feb-25	do
Week-4	
10-Feb-25	Intensity of Cropping & Degree of Commercialization
11-Feb-25	do
12-Feb-25	Diversification and oncentration
14-Feb-25	Agricultural efficiency and Productivity
Week-5	
17-Feb-25	do
18-Feb-25	Von Thunen Model of agricultural land use
19-Feb-25	do
21-Feb-25	do
22-Feb-25	Class Test
Week-6	UNIT - 3
24-Feb-25	Concept of Agricultural Regionalisation
25-Feb-25	Whittlesey's agricultural systems
26-Feb-25	do
28-Feb-25	Agricultural typology by Kostrowiki
Week-7	
03-Mar-25	Concept and Agro-climatic regions of India
04-Mar-25	do
05-Mar-25	Regional imbalances in agricultural productivity in India
07-Mar-25	do
08-Mar-25	do

Week-8	
10-Mar-25	Green revolution: Its impact and consequences in India.
11-Mar-25	do
12-Mar-25	Class Test
Week-9	UNIT 4
17-Mar-25	Neo-liberalization and Indian agriculture
18-Mar-25	do
19-Mar-25	do
21-Mar-25	Food Security: Concept and components
Week-10	
24-Mar-25	do
25-Mar-25	Contemporary Issues: Nutrition and Hunger
26-Mar-25	do
28-Mar-25	do
29-Mar-25	Food Aid programmes
Week-11	
31-Mar-25	do
01-Apr-25	Urban agriculture
02-Apr-25	do
04-Apr-25	Contract Farming
Week-12	
07-Apr-25	do
08-Apr-25	Agriculture and climate change: Impacts and adaptation
09-Apr-25	do
11-Apr-25	do
12-Apr-25	Role of irrigation in Climate Change
Week-13	
14-Apr-25	do
15-Apr-25	Class Test
16-Apr-25	Student's Problem
Week-14	
21-Apr-25	Student's Problem
22-Apr-25	Presentation of Student
23-Apr-25	Presentation of Student
25-Apr-25	Presentation of Student
26-Apr-25	Revision
Week-15	
28-Apr-25	Revision
29-Apr-25	Revision
30-Apr-25	Revision

Signature of Faculty
Kousik Das Malakar

GDC Memorial College, Bahal (Bhiwani)

(NAAC Accredited Grade "B")

Lesson Plan- January to June 2025

Name - Kousik Das Malakar

Department - Geography

Class - M.Sc. Geography

Subject - IT for Spatial Sciences

Semester - 2nd

Subject Code - 20 GEO 208

Week 1	UNIT - 1
20-Jan-25	Introduction to the subjects and its outcome & objectives
21-Jan-25	Cartography: Geodesy, Photogrammetry
23-Jan-25	Remote Sensing
24-Jan-25	Geographical Information System (GIS)
Week -2	
27-Jan-25	Global Positioning System (GPS)
28-Jan-25	Digital Image Processing
30-Jan-25	Conventional Symbols & Sign Survey Instruments
31-Jan-25	Traversing, Trilateration and Triangulation
Week-3	UNIT - 2
03-Feb-25	Aerial and Satellite based survey technique
04-Feb-25	Map as a communication system - Theory of Perception
06-Feb-25	do
07-Feb-25	Symbolization: Conventional signs and symbols
08-Feb-25	Quantitative & Qualitative Symbols,
Week-4	
10-Feb-25	Use of colour: Choroschematic and Chorochromatic
11-Feb-25	Quantitative mapping techniques: Choropleth & Isopleth
13-Feb-25	Physical surveying: GPS and Total Station, DGPS and GPR
14-Feb-25	do
Week-5	UNIT - 3
17-Feb-25	Class Test
18-Feb-25	Software: Definition and Types
20-Feb-25	Operating systems
21-Feb-25	do
22-Feb-25	Application programmes
Week-6	
24-Feb-25	Information Technology: Introduction
25-Feb-25	do
28-Feb-25	Applications of IT in Cartography, GIS, Remote Sensing and GPS
Week-7	
03-Mar-25	Open source software for GIS: QGIS, GoogleEarth
04-Mar-25	do
06-Mar-25	do
07-Mar-25	ArcGIS and ERDAS
08-Mar-25	Geodata visualization: Two, three, fourth dimension viewing
Week-8	

10-Mar-25	do
11-Mar-25	Visualization by Hyper map
Week-9	UNIT - 4
17-Mar-25	Virtual images & WebGIS
18-Mar-25	do
20-Mar-25	Class Test
21-Mar-25	Spatial database: Survey of India
22-Mar-25	NRSC, BHUVAN, NATMO, Geological Survey of India
Week-10	
24-Mar-25	do
25-Mar-25	National Informatics Centre
27-Mar-25	Cadastral maps and Openstreet map
28-Mar-25	do
29-Mar-25	USGS Earth Explorer
Week-11	
01-Apr-25	do
03-Apr-25	Attribute database: Census of India
04-Apr-25	do
Week-12	
07-Apr-25	Statistical Abstracts
08-Apr-25	do
10-Apr-25	IIRS
11-Apr-25	Class Test
12-Apr-25	Student's Problem
Week-13	
14-Apr-25	Student's Problem
15-Apr-25	Student's Problem
17-Apr-25	Student's Problem
Week-14	
21-Apr-25	Major Test
22-Apr-25	Presentation of Student
24-Apr-25	Presentation of Student
25-Apr-25	Presentation of Student
26-Apr-25	Revision
Week-15	
28-Apr-25	Revision
29-Apr-25	Revision

Signature of Faculty
Kousik Das Malakar

GDC Memorial College, Bahal (Bhiwani)

(NAAC Accredited Grade "B")

Lesson Plan- January to June 2025

Name - Himanshu Grover

Department - Geography

Class - M.Sc. Geography

Subject - Physical & Socio-Eco. Landscapes

Semester – 2nd

Subject Code - 19 GEO 205

Week 1	
20.01.2025	Earth surface processes and associated landforms
21.01.2025	Do
22.01.2025	Geomorphic structure
Week -2	Do
24.01.2025	Processes and landscape evolutions
27.01.2025	
28.01.2025	Dynamic equilibrium
29.01.2025	do
Week-3	
03.02.2025	Topographic response to tectonic activities and climatic forcing
04.02.2025	morphogenetic region
05.02.2025	Do
06.02.2025	Topographical and Terrain analysis with field mapping
Week-4	
11.02.2025	Do
12.02.2025	analysis of remotely sensed data and numerical models.
13.02.2025	Do
14.02.2025	Class Test
Week-5	
17.02.2025	Landscape Analysis with Maps & Aerial Photos
18.02.2025	landforms, Stratigraphy,
19.02.2025	Do
Week-6	
25.02.2025	Sediment texture, structure,
26.02.2025	Particle morphology
27.02.2025	Do
28.02.2025	Fabric analysis: General considerations
Week-7	
04.03.2025	Geomorphological mapping
04.03.2025	Do
05.03.2025	Field mapping, Field surveying techniques
06.03.2025	Do
Week-8	

11.03.2025	Identification of facies and genies of
12.03.2025	Do
13.03.2025	Clast macrofabrics and microstructural description,
Week-9	
17.03.2025	Clast mesofabrics and Laboratory analysis.
18.03.2025	Significance of Field work in Geography
19.03.2025	Do
20.03.2025	Identification of Research Problem
Week-10	
24.03.2025	Formulation of Research Design in geography
25.03.2025	Types and Sources of Data:
26.03.2025	Do
27.03.2025	Characteristics of primary and secondary data
Week-11	
31.03.2025	Do
01.04.2025	Types of Questionnaires and their formulation
02.04.2025	Selection of sample household
Week-12	
07.04.2025	Preparation of field Questionnaire
08.04.2025	Field sample survey design & preparation of Locational maps
09.04.2025	Class Test
10.04.2025	Collection of demographic
Week-13	
15.04.2025	Retrieval and analysis of data collected from field
18.04.2025	Socio-economic data from the field
21.04.2025	Format of field project report writing,
23.04.2025	Data entry: coding and Tabulation
Week-14	
28.04.2025	Planned report writing and Ethics of report writing
30.04.2025	Do

Signature of Faculty

GDC Memorial College, Bahal (Bhiwani)

(NAAC Accredited Grade "B")

Lesson Plan- January to June 2025

Name - Himanshu Grover

Department - Geography

Class - M.Sc. Geography

Subject - Climatology

Semester – 2nd

Subject Code - 19 GEO 202

Week 1	UNIT - 1	
20.01.2025	Introduction to the subjects and its outcome & objectives	
21.01.2025	Nature & Scope and Definition of Climatology	
22.01.2025	do	
23.01.2025	Atmosphere: Composition and Structure	
Week -2		
24.01.2025	do	
27.01.2025	Insolation	
28.01.2025	do	
29.01.2025	Green house effect and Heat budget	
30.01.2025	do	
Week-3		
03.02.2025	Temperature and its distribution	
04.02.2025	do	
05.02.2025	Inversion of temperature and associated climatic condtions	
06.02.2025	do	
07.02.2025	Class Test	
Week-4		UNIT - 2
10.02.2025	Measurement and Distribution of Atmospheric pressure	
11.02.2025	do	
12.02.2025	General circulation of Wind	
13.02.2025	do	
14.02.2025	westerlies and Polar winds	
Week-5		
17.02.2025	do	
18.02.2025	Walker circulation-ENSO	
19.02.2025	do	
20.02.2025	La Nina	
Week-6		
24.02.2025	do	
25.02.2025	Origin of monsoon and jet streams	
26.02.2025	do	
27.02.2025	do	
28.02.2025	Class Test	
Week-7		UNIT - 3
03.03.2025	Atmospheric moisture: sources of atmospheric moisture	
04.03.2025	do	
04.03.2025	Types and Distribution of Humidity	
05.03.2025	do	
06.03.2025	Concept of Evaporation	

Week-8	
10.03.2025	Condensation: conditions, forms and types
11.03.2025	do
12.03.2025	Precipitation: process, form, types
13.03.2025	do
Week-9	
17.03.2025	Atmospheric equilibrium: stability and instability
18.03.2025	do
19.03.2025	Adiabatic process of temperature change
20.03.2025	do
21.03.2025	Class Test
Week-10	UNIT-4
24.03.2025	Air masses: definition, characteristics
25.03.2025	do
26.03.2025	do
27.03.2025	Fronts: frontogenesis, frontolysis and classification
28.03.2025	do
Week-11	
31.03.2025	Extra tropical and Tropical cyclones
01.04.2025	do
02.04.2025	Climatic classification by Koppen
04.04.2025	do
Week-12	
07.04.2025	do
08.04.2025	Climatic classification by Thornthwaite
09.04.2025	do
10.04.2025	Introduction to Climate Change
11.04.2025	do
Week-13	
15.04.2025	Evidences & Theories of Climate Change
18.04.2025	do
21.04.2025	do
23.04.2025	Class Test
24.04.2025	Student's Problem
Week-14	
25.04.2025	Student's Problem
26.04.2025	Student's Problem
12.04.2025	Presentation of Student
Week-15	
28.04.2025	Presentation of Student
29.04.2025	Presentation of Student

Signature of Faculty

GDC Memorial College, Bahal (Bhiwani)

NAAC Accredited Grade "B"

Lesson Plan- January to June 2025

Name - Priyanka

Department - Geography

Class - M.Sc. Geography

Subject - Population & Settlement Geography

Semester - 2nd

Subject Code - 19 GEO 204

Week-1	UNIT - 1
20-Jan-25	Introduction to the subjects and its outcome & objectives
21-Jan-25	Evolution and Scope of Population Geography
23-Jan-25	do
24-Jan-25	Sources of and Nature of data
25-Jan-25	do
Week-2	
27-Jan-25	World population distribution and Growth
28-Jan-25	do
30-Jan-25	do
31-Jan-25	do
1-Feb-25	do
Week-3	
3-Feb-25	do
4-Feb-25	Population growth, distribution and trend with respect to India
6-Feb-25	do
7-Feb-25	do
8-Feb-25	Class Test
Week-4	UNIT - 2
10-Feb-25	Sex Ratio temporal trend and spatial pattern in India
11-Feb-25	do
13-Feb-25	do
14-Feb-25	Population Dynamics: Fertility & Mortality
15-Feb-25	do
Week-5	
17-Feb-25	Migration- Basic measures, Spatial and Temporal Trends
18-Feb-25	do
20-Feb-25	Socio-cultural Dynamics of Population
21-Feb-25	do
22-Feb-25	Class Test
Week-6	UNIT - 3
24-Feb-25	Definition and Scope of Settlement Geography
25-Feb-25	do
27-Feb-25	do
28-Feb-25	Site and Situation Characteristics of Settlement
1-Mar-25	do
Week-7	
3-Mar-25	Size, Pattern, Shape & Functions of Settlement
4-Mar-25	do
6-Mar-25	Distribution and Density of Settlement
7-Mar-25	do
8-Mar-25	do

Week-8	
10-Mar-25	Spatial Distribution Pattern and Methods of Analysis of Distribution
11-Mar-25	do
15-Mar-25	Class Test
Week-9	UNIT - 4
17-Mar-25	Types of Settlements
18-Mar-25	do
20-Mar-25	do
21-Mar-25	Spatial and Temporal trends in size and growth of settlements
22-Mar-25	do
Week-10	
24-Mar-25	Functions of Rural Settlement
25-Mar-25	do
27-Mar-25	Functions of Urban Settlement
28-Mar-25	do
29-Mar-25	Functional Classification of Towns & Villages
Week-11	
31-Mar-25	do
1-Apr-25	do
3-Apr-25	Functional Classification of Urban Centres
4-Apr-25	do
5-Apr-25	do
Week-12	
7-Apr-25	Structure of Towns in India.
8-Apr-25	do
10-Apr-25	do
11-Apr-25	Class Test
12-Apr-25	Student's Problem
Week-13	
14-Apr-25	Student's Problem
15-Apr-25	Major Test
17-Apr-25	Student's Problem
18-Apr-25	Student's Problem
19-Apr-25	Student's Problem
Week-14	
21-Apr-25	Presentation of Student
22-Apr-25	Presentation of Student
24-Apr-25	Presentation of Student
25-Apr-25	Presentation of Student
26-Apr-25	Revision
Week-15	
28-Apr-25	Revision
29-Apr-25	Revision

Signature of Faculty

GDC Memorial College, Bahal (Bhiwani)

NAAC Accredited Grade "B"

Lesson Plan- January to June 2025

Name - Sachin

Department - Geogra

Class - M.Sc. Geography

Subject - Geographic

Semester - 2nd

Subject Code - 19 GE

Week 1	UNIT - 1
20-Jan-25	Introduction to the subjects and its outcome & objectives
21-Jan-25	Geography as a science and its relationship with other science
22-Jan-25	do
23-Jan-25	Significance of space, place and location in geography
25-Jan-25	do
Week -2	
27-Jan-25	Methodological and Philosophical Setting in Geography
28-Jan-25	do
29-Jan-25	Place of Geography in the realm of knowledge
30-Jan-25	do
01-Feb-25	do
Week-3	UNIT - 2
03-Feb-25	Development of Geographical knowledge during ancient period
04-Feb-25	Greek Geographers
05-Feb-25	do
06-Feb-25	do
08-Feb-25	do
Week-4	
10-Feb-25	Roman Geographers
11-Feb-25	do
12-Feb-25	do
13-Feb-25	Medieval Period - Arab
15-Feb-25	do
Week-5	
17-Feb-25	Foundation of Modern Geography - Varenus
18-Feb-25	Immanuel Kant
19-Feb-25	do
20-Feb-25	Contribution of Alexander von Humboldt
22-Feb-25	do
Week-6	
24-Feb-25	Contribution of Carl Ritter
25-Feb-25	do
26-Feb-25	do
27-Feb-25	Class Test
Week-7	UNIT - 3
03-Mar-25	Concepts of Chorology and Landscape
04-Mar-25	do
05-Mar-25	Areal Differentiation
06-Mar-25	do
08-Mar-25	Environmental Determinism

Week-8	
10-Mar-25	do
11-Mar-25	Possibilism
12-Mar-25	do
15-Mar-25	Dualism in Geography: Physical vs Human Geography
Week-9	
17-Mar-25	do
18-Mar-25	do
19-Mar-25	Systematic v/s Regional Geography
20-Mar-25	do
22-Mar-25	Class Test
Week-10	UNIT - 4
24-Mar-25	Quantitative Revolution and Emergence of Theoretical geography
25-Mar-25	do
26-Mar-25	do
27-Mar-25	Positivism in Geography
29-Mar-25	do
Week-11	
31-Mar-25	Behavioral and Humanistic Perspectives in Geography
01-Apr-25	do
02-Apr-25	do
03-Apr-25	Inductive & Deductive logic
05-Apr-25	do
Week-12	
07-Apr-25	Welfare and Radical Perspectives in Geography
08-Apr-25	do
09-Apr-25	Feminist Perspectives in Geography
10-Apr-25	do
12-Apr-25	Postmodernism and Geography
Week-13	
14-Apr-25	do
15-Apr-25	Class Test
16-Apr-25	Student's Problem
17-Apr-25	Student's Problem
19-Apr-25	Presentation of Student
Week-14	
21-Apr-25	Presentation of Student
22-Apr-25	Presentation of Student
23-Apr-25	Major Test
24-Apr-25	Revision
26-Apr-25	Revision
Week-15	
28-Apr-25	Revision
29-Apr-25	Revision
30-Apr-25	Revision

Signature of Faculty