

Government College for Women, Ateli Haryana, 123021

Department of Geography

Name of the Lecturer: Dr. Manisha Kumari, Sh. Sanjay Kumar

Class and Semester: B.A. Geography (Semester- IV)

Session: 2021-22

Subject Lesson Plan: (Jan-May): HUMAN GEOGRAPHY (GEO 203)

Week 1

Nature and Scope of Human Geography.
Branches of Human Geography.

Week 2

Approaches to the Study of Human Geography.
Division of Mankind.

Week 3

Spatial Distribution of Tribes of India: Santhals, Gonds and Bhils.

Week 4

Concept of Man- Environment Relation: A Historical Approach.

Week 5

Human Adaptation to the Environment (i) Cold Region Eskimos (ii) Hot Region – Bushman.

Week 6

Distribution, Density and Growth of World Population.

Week 7

Population Theories: Malthus and Optimum Population Theory.

Week 8

Rural Settlements: Meaning, Classification and Types.

Week 9

Population Pressure, Resource Use and Environment Degradation.

Week 10

Concept of Deforestation, Air and Water Pollution.

Week 11

Revision of Syllabus

Week 12

Revision of Syllabus

Week 13

Class Test & Assignment

Government College for Women, Ateli Haryana, 123021

Department of Geography

Name of the Lecturer: Sanjay Kumar

Class and Semester: B.A. Geography (Semester- IV)

Session: 2023-24

Subject Lesson Plan: (Jan.-may): MAP PROJECTIONS AND SURVEY (PRACTICAL) GEO 204

Week 1

Introduction to Map Projection: Meaning, Classification and Importance.

Week 2

Characteristics of Lines of Latitudes and Longitudes.

Week 3

Cylindrical projections: Characteristics, Applications and Drawing.

- A. Simple Cylindrical Projection
- B. Cylindrical Equal Area Projection.

Week 4

C. True Shape or Orthomorphic or Mercator's Projection.

Conical Projections: Characteristics.

Week 5

Conical Projections: Applications and Drawing.

- A. Simple conical projections with one standard parallel
- B. Simple conical projection with two standard parallel

Week 6

C. Bonne's Projection

D. Polyconic projection

E. International Map Projection

Week

4. Zenithal Projections: Characteristics, Applications and Drawing.

Week 8

Zenithal Projections: Characteristics, Applications and Drawing.

A. Polar Zenithal Equidistant Projection.

Week 9

B. Polar Zenithal Equal Area Projection.

C. Polar Zenithal Gnomonic Projection.

Week 10

D. Polar Zenithal Stereographic Projection.

E. Polar Zenithal Orthographic Projection.

Week 11

Characteristics, Drawing and Applications of-

- A. Sinusoidal Projection
- B. Mollweide Projection

Week 12

Plane Table Survey

Week 13

Government College for Women, Ateli, Haryana, 123021

Department of Geography

Name of the Lecturer: Tej Parkash, Sh. Sanjay Kumar

Class and Semester: B.A. Final (Semester -VI)

Session: 2023-24

Subject Lesson Plan: 13 Weeks (Jan- April): INTRODUCTION TO REMOTE SENSING, GIS & QUANTITATIVE METHODS (GEO 303)

Week 1

Introduction to aerial photographs: their types and advantages.

Week 2

Elements of aerial photo interpretation.

Week 3

Introduction to Remote Sensing; electromagnetic spectrum,

Week 4

Stages in remote sensing, type of remote sensing, satellite orbits- geostationary and near polar

Week -5

Application of remote sensing in various fields such as agriculture, environment and resource mapping.

Week 6

Introduction to Geographical Information System: definition, purpose, components and functions

Week 7

Application of GIS in various fields of geography

Week 8

Measures of Central Tendency: Mean,

Week 9

Measures of Central Tendency: Median, Mode

Week 10

Measure of Dispersion: Range, Quartile deviation

Week 11

Mean deviation, Standard deviation.

Week 12

Coefficient of variation.

Week 13

Class Test & Assignment

Government College for Women, Ateli ,Haryana, 123021

Department of Geography

Name of the Lecturer: Sh. Tej Parkash

Class and Semester: B.A.Final (Semester-VI)

Session: 2023-24

Subject Lesson Plan: 13 Weeks (January-30 April): INTRODUCTION TO REMOTE SENSING, GPS AND FIELD SURVEY REPORT (PRACTICAL) GEO
304

Week 1
Demarcation of Principal Point.

Week 2
Conjugate Principal point.

Week 3
Flight line on Aerial Photographs.

Week 4
Use of Stereoscope and Identification of Features.

Week -5
Use of Stereoscope and Identification of Features.

Week 6
. Identification of Features from satellite images.

Week 7
Identification of Features from satellite images.

Week 8
Identification of Features from satellite images.

Week 9
Mapping by GIS.

Week 10
Mapping by GIS.

Week 11
Socio-economic Survey and Report Writing.

Week 12
Socio-economic Survey and Report Writing.

Week 13
Class Test & Assignment.

Government College For Women, Ateli Mahendragarh, Haryana, 123021

Department Of Geography

Name of Professor : Dr. Manisha Kumari, Sh.Tej Parkash

Class : B.A.Semester II

Session: 2023-2024

Phy. Geography (203)

Week 1

Definition, Nature, scope and fields of phy. Geography.

Week 2

interior of earth, Geological time scale,

Week 3

Rocks

Week 4

Earth movement, earth quakes and volcanoes.

Week 5

Theory of isotacy, wegner theory of continental drift, and plate tectonic.

Week 6

Weathering its types and causes and impact

Week 7

Mass movement its types and causes and impact

Week 8

Cycle of erosion, Devis model,

Week 9

process of wind, river

Week 10 Process of underground water and glaciers

Week 11 process of sea waves

Week 12

Class test.

GEOGRAPHY

LESSON PLAN

July to December (2023-24)

**B.A-I (Ist Semester). Teacher Name -Dr. Manisha Kumari, Sh. Tej Parkash
Paper 101 Geography of India**

Months	Duration	Unit	Topic
August	10 to 22	Unit- I	India: Location & relief structure
	23 to 31	Unit- I	Indian drainage systems
September	01 to 07	Unit- I	Indian Climate, Indian soils
	08 to 15	Unit- II	Natural vegetation, and natural disasters in India
	16 to 23	Unit- II	Population: distribution, density, growth and composition
	24 to 31	Unit- II	Migration, human settlement types levels of urbanization,
October	01 to 07	Unit- III	Land resources, irrigation, regional variations in cropping pattern
	08 to 15	Unit- III	Green revolution and problems of Indian agriculture.
	16 to 23	Unit-III	Energy and mineral resources: coal, petroleum
	24 to 30	Unit-III	Hydroelectricity and nuclear energy
November & December	01 to 07	Unit-III	Iron ore, manganese and mica
	08 to 14	Unit – IV	Industries of India- iron and steel, cotton textile
	15 to 22	Unit- IV	Industries of India- sugar and petrochemical industries
	23 to till exam	Unit- IV	Industrial regions of India
		Unit- IV	Topography of Haryana, Population of Haryana, Transport of Haryana
		Unit-1,2,3,4	Class Test
	Till Exam	Unit-1,2,3,4	Weekly Test, Problem Solution and Revision

B.A-I (Ist Semester) Teacher Name -Dr. Manisha Kumari
102 Maps and scales (Practical)

Months	Duration	Topic
August	10 to 22	Introduction to Cartography
	23 to 31	Introduction to Cartography.
September	01 to 07	Maps and their types
	08 to 15	Maps and their types
	16 to 23	Importance of map & Making Process of Map
	24 to 31	Importance of map & Making Process of Map
October	01 to 07	Map Scales: Methods of Expressing a scale: Conversion of Statement of Scale into R.F. and vice-versa
	8 to 15	Map Scales: Methods of Expressing a scale: Conversion of Statement of Scale into R.F. and vice-versa
	16 to 23	Plain Scale (Km and mile)
	24 to 30	Plain Scale (Km and mile)
November & December	01 to 07	Comparative Scale
	08 to 14	Comparative Scale
	15 to 22	Diagonal Scale
	23 to Till Exam	Measurement of Distances and Areas on Maps
		Enlargement and Reduction of Maps
		Enlargement and Reduction of Maps
		Problem Solution and preparing for viva and verification of record
	Till Exam	Problem Solution and preparing for viva and verification of record

**B.A-II (3rd Semester) Teacher Name -Dr. Manisha Kumari, Sh. Sanjay Kumar
201 Physical Geography II**

Months	Duration	Unit	Topic
July & August	22 to 31	Unit- I	Introduction of Geography Introduction of Weather and Climate
	01 to 31	Unit- I	Origin, composition and structure of atmosphere.
September	01 to 07	Unit- I	Insolation, Global heat budget Horizontal and vertical distribution of temperature, inversion of temperature
	08 to 15	Unit- II	Atmospheric pressure- measurement and distribution, pressure belts
	16 to 23	Unit- II	General Atmospheric Circulation: planetary winds, Monsoon, Jet Streams
	24 to 31	Unit- II	Atmospheric Circulation: Local winds. EL NINO- La Nina Phenomenon
October	01 to 07	Unit- II	Humidity- measurement and variables, evaporation, condensation, hydrological cycle.
	8 to 15	Unit- II	precipitation forms and types and distribution
	16 to 23	Unit-III	Air masses- concept and classification
	24 to 30	Unit-III	Fronts- type and characteristics, Weather disturbances- tropical cyclones
November & December	01 to 07	Unit-III	Weather disturbances: extra-tropical cyclones, Climate classification by Koppen
	8 to 14	Unit – III	Climate change and global warming.
	15 to 22	Unit- IV	Configuration of oceanic floors and surface relief of Pacific, Atlantic and Indian
	23 to Till Exam	Unit- IV	Oceans temperature and salinity of oceans
		Unit- IV	Tides, waves and oceanic currents
		Unit- IV	Circulation in Pacific, Atlantic and Indian Ocean, Oceanic resources.
		Unit-1,2,3,4	Class Test
Till Exam	Unit-1,2,3,4	Weekly Test, Problem Solution and Revision	

B.A-II (3rd Semester) Teacher Name - Sh. Sanjay Kumar
202 Representation of Climatic Data (Practical)

Months	Duration	Topic
July & August	22 to 31	Measurement of temperature, rainfall, pressure, humidity.
	01 to 31	Introduction about representation of temperature and rainfall
September	01 to 07	Representation of temperature and rainfall :Line and Bar Graph – 1
	08 to 15	Exercise. Distribution of temperature (180 therms) – 1 Exercise
	16 to 23	Exercise. Distribution of temperature (180 therms) – 1 Exercise
	24 to 31	Distribution of rainfall (180 hytes) – 1 Exercise.
October	01 to 07	Distribution of rainfall (180 hytes) – 1 Exercise.
	8 to 15	Distribution of pressure (180 bars) - 2 Exercise
	16 to 23	Distribution of pressure (180 bars) - 2 Exercise
	24 to 30	Hythergraph - 1 Exercise.
November & December	01 to 07	Hythergraph - 1 Exercise.
	8 to 14	Exercise Rainfall deviation diagram - 1 Exercise.
	15 to 22	Climograph (wet and dry places) - 2 Exercise
	23 to Till Exam	Weather map Interpretation (January & July) - 2 Exercise.
		Change and tape survey – 2 Exercise
		Change and tape survey – 2 Exercise
		Problem Solution and Revision
	Till Exam	

B.A-III (5th Semester). Teacher Name - Sh. Tej Parkash , Sh. Sanjay Kumar
301 Economic Geography

Months	Duration	Unit	Topic
July & August	22 to 31	Unit- I	Nature, scope and relationship of economic geography with economics and other branches of social sciences
	01 to 31	Unit- I	Classification of economic activities Primary and Secondary
September	01 to 07	Unit- I	Economic activities: Tertiary & Quaternary, Quinary and their impact on environ.
	08 to 15	Unit- II	World natural resources: Types, bases and classification.
	16 to 23	Unit- II	. Natural resources types: Vegetation,Animal, Mineral
	24 to 31	Unit- II	Natural resources Types: Water, Soil ,Air
October	01 to 07	Unit- II	Conservation of natural resources
	8 to 15	Unit- II	Utilization of natural resources
	16 to 23	Unit-III	Spatial distribution of food (rice and wheat)
	24 to 30	Unit-III	commercial (cotton and sugarcane)
November & December	01 to 07	Unit-III	plantation crops (tea, rubber and coffee), Classification of mineral resources (ferrous and non-ferrous)
	8 to 14	Unit – III	Distribution and production of coal iron ore, petroleum and natural gas.
	15 to 22	Unit- IV	Classification of industries, world distribution and production of iron and steel
	23 to Till Exam	Unit- IV	Textile industry, major industrial complexes of the world.
		Unit- IV	Transport: Communication and trade: geographical factors in their development, major modes of water, land transport
		Unit- IV	Major modes of air transport, recent trends in international trade
		Unit-1,2,3,4	Class Test
	Till Exam	Unit-1,2,3,4	Weekly Test, Problem Solution and Revision

B.A-III (5th Semester). Teacher Name - Sh. Tej Parkash

302 Distribution Maps and Diagrams (Practical)

Months	Duration	Topic
July & August	22 to 31	Principal of map design and layout
	01 to 31	Symbolization: point, line and area symbol
September	01 to 07	Lettering and toponomy
	08 to 15	Mechanics of map construction
	16 to 23	Distribution maps
	24 to 31	Qualitative distribution maps
October	01 to 07	Choroschematic maps- 1 Exercise
	8 to 15	Chorochromatic maps- 2 Exercise
	16 to 23	Quantitative distribution Maps
	24 to 30	Isopleth maps-3 Exercises
November & December	01 to 07	Choropleth maps-3 Exercises
	8 to 14	Dot maps-3 Exercises
	15 to 22	Diagrammatic maps- 1 Exercises.
	23 to Till Exam	Diagrammatic maps- 2 Exercises.
		Prismatic Compass Survey – 2 Exercises
		Prismatic Compass Survey
		Problem Solution and Revision
	Till Exam	