

LESSON PLAN 2022-23 (BA (PC), BA (H) & MA (1st, 3rd and 5th Sem.)
DEPARTMENT OF GEOGRAPHY

Faculty: Dr. Indu Rao (Associate Prof. and HOD)

GOVERNMENT GIRLS COLLEGE-SECTOR 14 GURUGRAM - LESSON PLAN			
Subject	GEOGRAPHY		
Title:	OF INDIA	Code:	303
Name of lecturer:	Dr Indu Rao	Semester:	3rd sem
Degree:	B.A honours		
S.NO	DATE	UNIT	DESCRIPTION
1	Aug-sep	I	Introduction
			Physiographic division
			Drainage system, climate, climatic region (Koppen)
			Soil and natural vegetation
			GROUP DISCUSSION
			UNIT TEST
2	Oct-22	II	DESCRIPTION
			Introduction
			Mineral and power resources (iron, ore, petroleum) multipurpose project
			Irrigation, major industries, iron and steel cotton textile, sugar and automobile.
			GROUP DISCUSSION
			UNIT TEST
3	Nov-22	III	DESCRIPTION
			Introduction
			Major crops (rice, wheat, sugarcane, cotton and tea) green revolution and its consequences
			Micro -regions of India (Agriculture, industrial)
			ASSIGNMENT
			SEMINAR
			UNIT TEST
4	Dec-22	IV	DESCRIPTION
			Introduction
			Population growth, trends and pattern, sex and age structure, literacy and urbanisation
			ASSIGNMENT
			SEMINAR
			UNIT TEST

Faculty: Dr. Rajesh Kumari (Associate Prof.)

MA 3rd SEM. Paper: OCEANOGRAPHY (Code: 17GEO23D5)

22nd August onward and September: Nature and scope of Oceanography, relationship between oceanography and other sciences; distribution pattern of land and sea, origin of ocean basins: Wegner's drift hypothesis, and sea floor spreading and Plate Tectonics. Test and Assignment.

October: Ocean floor profile-continental shelf, slope, ridge and deeps, abyssal plains; submarine canyons; coral reefs-origin and distribution; ocean deposits; configuration of ocean floors of Indian Ocean and Atlantic Ocean. Test

November: Temperature of oceans; salinity in oceans; density of oceans; dynamics of ocean currents; currents of Atlantic, Pacific and Indian Ocean; tides and origin; Tsunami. Ocean currents and their impact on climate and economy. Test

December: Oceans as source of food, mineral and energy resources; sea-level changes; evidence, mechanism and impact; maritime laws. Assignment, revision, and Presentation.

BA (H) 5th SEM. Paper: Paper 503 (3) GEOGRAPHY OF TOURISM

22nd August onward and September: Nature, scope and significance of Geography of Tourism; geographical basis of tourism; resources & infrastructure for tourism: transportation, accommodation & basic infrastructure. Test and Assignment.

October: Type of tourism: recreational, religious and historical; Impact of tourism: physical, economic and social cultural; concept of eco-tourism and medico-tourism; new trends in tourism. Test

November: Globalization and tourism; growth and development of tourism in India; National Tourism Policy of India. Test and Assignment.

December: Tourism marketing: marketing concepts & marketing in tourism; tourism circuits; tour agencies. Assignment, revision, and Presentation.

TANUJA (Assistant Professor)

MA 1st Sem. Paper Code – 16GEO21C4 (Statistical Methods in Geography)

Oct 2022:

Statistics, Geography and Statistics, Significance of Statistics in geographical studies

Primary and Secondary Data, Levels of Data measurement- Nominal, Ordinal, Interval, Ratio, Group Discussion

Nov 2022:

Measures of Central Tendency: Arithmetic Mean and its geographical significance
Median, Mode and their geographical significance,
Centrographic techniques: Mean Centre, Median Centre and Standard Distance
Problem solving and Test and Assignment

Dec 2022:

Measures of Dispersion and Concentration: Mean Deviation, Standard Deviation,
Coefficient of Variation, Lorenz Curve and Gini's Coefficient, Location Quotient,
Scatter Diagram, Correlation by Spearman's Rank Difference and Karl Pearson's
Product Moment,
Problem Solving and Seminar and test

Jan 2022:

Significance testing of Correlation, Regression Analysis, Regression Equations,
Construction of Regression Line, Computation of residuals mapping
Problem Solving, Assignment and test.

BA (HONS) 3rd Sem. Regional Development (302)

22nd August onward and September:

Concept of region: types of region; methods of delineation of region; growth and development; concept of regional development, Test, Quiz.

October:

Growth and development theories: growth pole theory; spatial diffusion theory; cumulative-causation model; polarization and trickle down effects; Human Development Index & its indicators, Test, Group Discussion.

November:

Regional patterns of development and imbalances in India; planning for regional development; role of agriculture, industry and infrastructure in regional development, Assignment, test.

December:

Five year planes in India: features, objectives and assessment (a general introduction) programmes on poverty alleviation and unemployment with special reference to post reform period, Seminar, Test, Group Discussion.

FACULTY: SUMIT DAHIYA

M.A. GEOGRAPHY 1ST SEMESTER PAPER: GEOMORPHOLOGY

27TH OCTOBER- 9TH NOVEMBER

Geomorphology: Nature and scope; History and development of geomorphic ideas- Fundamental concepts. The Earth's interior: Structure, Constitution and Recent views. Plate Tectonics: meaning and concept. Plates, plate margins, plate motion. Tectonic activities along the boundaries. Distribution of plates. (Group Discussion)

10TH NOVEMBER – 23TH NOVEMBER:

Endogenetic processes- faulting, folding and geomorphic expressions. Earthquake: causes, classification, intensity, magnitude and geographic distribution. Volcanism: causes, mechanism, classification, associated landforms and geographical distribution (Oral test and Assignment)

24TH NOVEMBER- 07TH DECEMBER

Exogenetic processes: Weathering and Mass wasting: concept, controlling factors, classification and significance. Dynamics of fluvial, aeolian, glacial and karst processes and associated landforms. (Written Test 1)

08TH DECEMBER- 22ND DECEMBER

Applied geomorphology: Meaning; Application of geomorphology in Regional planning, engineering projects, hydrology and mineral exploration. Regional geomorphology of Punjab plains, Aravali region and Thar desert of India. (Written Test 2 and Revision)

B.A. (HONS) 1ST SEMESTER PAPER: INTRODUCTION TO PHYSICAL GEOGRAPHY

22ND SEPTEMBER- 15TH OCTOBER

Nature and scope of physical geography, Origin of Earth: Hypothesis of Russel, Kant, Laplace and Otto Schmidt; Distribution of land and water, shape and size of Earth; Latitude, Longitude, Movements, Revolution and Rotation (Group Discussion)

16TH OCTOBER– 2ND NOVEMBER:

Origin of continents and ocean basin: Theories of Daly and Wagener; Definition and classification of rocks: Igneous, Sedimentary and Metamorphic; Earth movements: Orogeny and Epirogeny; Weathering and erosion (Oral test and Assignment)

03TH NOVEMBER- 25TH NOVEMBER

Composition and structure of atmosphere; Insolation and temperature: horizontal and vertical distribution; Air pressure and winds: planetary, seasonal and local. (Written Test 1)

26TH NOVEMBER- 22ND DECEMBER

Relief of ocean floor, Salinity and temperature, circulation of ocean water: sea waves, ocean current and tides. (Written Test 2 and Revision)

GOVERNMENT GIRLS COLLAGE-SECTOR 14 GURUGRAM

LESSON PLAN

Subject Title: Introduction to geography **Code:** 101
Name of lecturer: Sheela yadav **Semester:** 1st sem
Degree: B.A honours

S.NO	DATE	UNIT	DESCRIPTION
1	Sep-22	I	Introduction The nature of Geography Core Geography Concepts Location, Direction, Patterns and distance Physical and cultural attributes: the pattern, concepts and process-concepts; Geography and Society GROUP DISCUSSION
2	Oct-22	II	Introduction Development of Geography during ancient period contribution of Greeks and Romans: Herodotus, Eratosthenes, Strabo, Ptolemy: Development of Geography in India during Vedic period Contribution of Arab Scholars:Ibn-Batuta,Ibn-Khaldun,Al-Baruni GROUP DISCUSSION UNIT TEST
3	Nov-22	III	Introduction Age and Exploration and discoveries: contribution to expansion of Geographic horizons; Revival of Geography as scientific discipline Contribution of Kant and Verenius GROUP DISCUSSION SEMINAR UNIT TEST
4	Dec-22	IV	Introduction Introduction, Dualisms in Geography. Systematic and Regional Geography. Physical and Human Geography-areal differentiation, Landscape school, Spatial organization. ASSIGNMENT SEMINAR

GOVERNMENT GIRLS COLLAGE-SECTOR 14 ,GURUGRAM

LESSON PLAN

Subject GEOGRAPHY
Title: OF
Name TRANSPORT **Degree:** M.A
of
lecturer: Sheela yadav **Semester:** 3rd Sem

S.NO	DATE	UNIT	DESCRIPTION
1	Aug-Sep	I	Introduction
			Nature and Scope of Transport Geography
			Geographic Relevance of Transportation
			Transport and Development: Conceptual Frameworks; Theoretical Framework Models of Global Relevance;
			(i) The Vance Model, (ii) The Rimmer Model, and (iii) The Taaffe, Morril and Gould Mode
			GROUP DISCUSSION
2	Oct-22	II	Introduction to Modes of Transport
			The Modes of Transport
			Modal Characteristics of Roads, Railways, Ropeways and Cableways and Airways
			GROUP DISCUSSION
			UNIT TEST
3	Nov-22	III	Introduction
			Structural Analysis of Transport Networks
			Networks, Networks Graphs and Types
			Measures of Individual Elements of Transportation Networks
			Mileage Matrix, Nodality Matrix, Weighted Mileage Matrix, Weighted Nodality Matrix, Gross accessibility
			Connectivity of Networks: Cyclomatic Number, Diameter; Alpha, Beta, Gamma, Eta, Pie, Theta and Iota indices
			ASSIGNMENT
			SEMINAR
			UNIT TEST
4	Dec-22	IV	Introduction
			Development of Road Transport in Haryana
			Growth and Development of Roads in Haryana
			Types of Roads, Levels of Road Transport in Haryana
			Levels of Road Connectivity in Haryana, Problems of Road Transport in Haryana
			ASSIGNMENT
			SEMINAR
			UNIT TEST

GOVERNMENT GIRLS COLLEGE-SECTOR 14,GURUGRAM LESSON PLAN

Subject GEOGRAPHY
Title: OF INDIA
Name of Reshma
Lecturer: Sharma
Degree: BA (PASS)
Code: 101
Semester: 1 ST

S.NO	DATE	UNIT	DESCRIPTION
1	Sep-22	I	India: Location, relief structure and drainage systems.
			Climate, soils, natural vegetation, and natural disasters in India.
			GROUP DISCUSSION
			UNIT TEST
2	Oct-22	II	DESCRIPTION
			Population: distribution, density, growth and composition.
			Migration, human settlement types and levels of urbanization.
			GROUP DISCUSSION
			ASSIGNMENT
			UNIT TEST
3	Nov-22	III	DESCRIPTION
			Land resources, irrigation, regional variations in cropping pattern
			Green revolution and problems of Indian agriculture.
			Energy and mineral resources: coal, petroleum, hydroelectricity
			and nuclear energy, iron ore, manganese and mica.
			GROUP DISCUSSION
			ASSIGNMENT
			UNIT TEST
4	Dec-22	IV	DESCRIPTION
			Industries- iron and steel, cotton textile, sugar and petrochemical industries; and industrial regions of India.
			Modes of transport and communication, international trade
			changing pattern of export and import
			GROUP DISCUSSION
			ASSIGNMENT
			UNIT TEST

GOVERNMENT GIRLS COLLEGE-SECTOR 14,GURUGRAM LESSON PLAN

Subject Title:	PHYSICAL GEOGRAPHY	Code:	201
Name of Lecturer:	RESHMA SHARMA	Semester:	3 RD
Degree:	BA (PASS)		

S.NO	DATE	UNIT	DESCRIPTION
1	AUG-SEP	I	Weather and Climate; Origin, composition and structure of atmosphere
			Insolation, Global heat budget, Horizontal and vertical distribution of temperature, inversion of temperature
			GROUP DISCUSSION
			UNIT TEST
2	Oct-22	II	DESCRIPTION
			Atmospheric pressure- measurement and distribution, pressure belts, planetary winds, Monsoon, Jet Streams EL NINO- La Nina Phenomenon and Local winds. Humidity- measurement and variables, evaporation, condensation, precipitation forms and types and distribution, hydrological cycle.
			GROUP DISCUSSION
			ASSIGNMENT
			UNIT TEST
3	Nov-22	III	DESCRIPTION
			Air masses- concept and classification; Fronts- type and characteristics, Weather disturbances- tropical and extra-tropical cyclones
			Climate classification by Koppen; climatic change and global warming
			GROUP DISCUSSION
			ASSIGNMENT
			UNIT TEST
4	Dec-22	IV	DESCRIPTION
			Industries- iron and steel, cotton textile, sugar and petrochemical industries; and industrial regions of India.
			Modes of transport and communication, international trade
			changing pattern of export and import
			GROUP DISCUSSION
			ASSIGNMENT
			UNIT TEST

Faculty: Dr. Roohi Fatma

B.A. Hons. V Semester (502: WORLD REGIONAL GEOGRAPHY)

22 August to 30 September

Geographic realms and regions, criteria for realms and regions, world geographic realms. Group discussion, assignment.

01 October to 31 October

Natural regions of the world- location, climate, human life and economic life of- equatorial, monsoon, tropical deserts, Mediterranean & taiga region. Group discussion, test.

01 November to 30 November

Economics region – major industrial regions of Japan, U.S.A. and China ; cultural regions of the world on the basis of religion. Group discussion, assignment.

01 December to 31 December

Regional geography of South Asia: physiographic divisions; demographic characteristics; industrialization and urbanization. Group discussion, test, seminar.

B.A. Pass V Semester (301: ECONOMIC GEOGRAPHY)

AUG - SEPTEMBER, 2022

1. Nature, scope and relationship of economic geography with economics and other branches of social sciences

2. Classification of economic activities and their impact on environment. Test and Group Discussion

OCTOBER, 2022

3. World natural resources: Types, bases and classification.

4. Conservation and utilization of natural resources. Assignment and Group Discussion

NOVEMBER, 2022

5. Spatial distribution of food (rice and wheat), commercial (cotton and sugarcane) and plantation crops (tea, rubber and coffee).

6. Classification of mineral resources (ferrous and non-ferrous), distribution and production of coal, iron ore, petroleum and natural gas. Test and Quiz

DECEMBER,2022

7. Classification of industries, world distribution and production of iron and steel and textile industry, major industrial complexes of the world.

8. Transport, communication and trade: geographical factors in their development, major modes of water, land and air transport, recent trends in international trade . Group Discussion, Assignment and Test

Faculty: SARITA DEVI

B.A. Hons. III Semester (301: GEOMORPHOLOGY)

Aug – September ,2022

Nature and scope of Geomorphology; fundamental concepts; Plate tectonics; Theory of Isostasy: Pratt and Airy; geological time scale. Group discussion, assignment.

October, 2022

The earth's interior; Endogenetic forces: folds and faults and associated topography; volcanoes and earthquakes. Group discussion, test.

November, 2022

Exogenetic forces: weathering and mass wasting; the work of river, wind, glacier, sea wave and underground water and their associated features; Cycle of erosion: Davis and Penk. Group discussion, assignment.

December,2022

Application of geomorphology to hydrology, economic activities; resource exploration, military action, highway construction, dam site selection. Group discussion, test, seminar.

B.A. Pass V Semester (301 ECONOMIC GEOGRAPHY)

AUG - SEPTEMBER,2022

1. Nature, scope and relationship of economic geography with economics and other branches of social sciences

2. Classification of economic activities and their impact on environment. Test and Group Discussion

OCTOBER,2022

3. World natural resources: Types, bases and classification.

4. Conservation and utilization of natural resources. Assignment and Group Discussion

NOVEMBER, 2022

5. Spatial distribution of food (rice and wheat), commercial (cotton and sugarcane) and plantation crops (tea, rubber and coffee).

6. Classification of mineral resources (ferrous and non-ferrous), distribution and production of coal, iron ore, petroleum and natural gas. Test and Quiz

DECEMBER,2022

7. Classification of industries, world distribution and production of iron and steel and textile industry, major industrial complexes of the world.

8. Transport, communication and trade: geographical factors in their development, major modes of water, land and air transport, recent trends in international trade . Group Discussion, Assignment and Test