

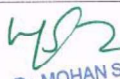
GEOGRAPHY

DEPARTMENT OF GEOGRAPHY, SGGSJ GOVT.COLLEGE PAONTA SAHIB	
Class	B.A. 1 st year
Paper	Physical Geography (Theory)
Subject	Geography (2022-23)

Dates	Week	Topics
5-8/8/22	1	Definition and Scope Brief Introduction of Solar System
10-14/8/22	2	Origin of The Earth: Tidal Theory of Jeans and Jeffreys and Big Bang Theory
		<i>Class Test</i>
1-5/9/22	3	Rocks: Classification and Their Characteristics
7-12/9/22	4	Lithosphere Internal Structure of Earth, Theory of Plate Tectonics
		Class Test
5-10/10/22	5	Weathering- Definition, factors and types
12-14/10/22	6	Fluvial Cycle of Erosion – Davis
		<i>Quiz</i>
2-7/11/22	7	Atmosphere Structure and composition of atmosphere, Heat Balance, Pressure and wind systems
9-13/11/22	8	Origin of Tropical Cyclones, Monsoon
		<i>Tutorial and class Test</i>
1-5/12/22	9	Climatic Classification (Koppen).
7-12/12/22	10	Hydrosphere Hydrological Cycle, Bottom Relief Features of Pacific Ocean, Tides and Currents.
		<i>Tutorial and Class test</i>
06-2-23 onward		Revision for final Examination and tests



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DEPARTMENT OF GEOGRAPHY, SGGSJ GOVT.COLLEGE PAONTA SAHIB	
Class	B.A. 1 st year
Paper	General Cartography (Practical)
Subject	Geography 2022-23)

Dates	Week	Topics
17-22/8/22	1	Cartography as a Science of Communication
24-29/8/22	2	Basics of Map Reading, Map- Definition, Classification and Significance of Map
		<i>Class Test</i>
14-19/9/22	3	Scale Definition, Importance and Types of Scale, Three exercises in practical record each on Plain, Comparative and Diagonal Scale. (Practicals work of plain scale)
21-26/9/22	4	Practical work of Comparative and diagonal scale
		Class Test
14-17/10/22 19-24/10/22	5	Map projections Criteria for Choice of Projections; Attributes and Properties of: Zenithal Gnomonic Polar Case, Zenithal Stereographic Polar Case, Cylindrical Equal Area, Mercator's Projection and Conical Projection with Two Standard Parallel (Theory)
26-30/10/22 16-21/11/22	6	Map projections Criteria for Choice of Projections; Attributes and Properties of: Zenithal Gnomonic Polar Case, Zenithal Stereographic Polar Case, Cylindrical Equal Area, Mercator's Projection and Conical Projection with Two Standard Parallel (Practical)
		<i>Class Test</i>
23-28/11/22	7	Representation Of Data Line Graph, Line Graph Practical , Bar Diagram Theory, Bar Diagram Practical , Isopleth Theory
14-19/12/22 21-24/12/22	8	Isopleth Practical , Choropleth Map Theory, Choropleth Map Practical , Dot Method Theory & Dot Method Practical
		<i>Class Test</i>
22-25/2/23	9	Climograph and Hythergraph
		Completion of practical file and Revision for final Examination



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DEPARTMENT OF GEOGRAPHY, SGGSJ GOVT.COLLEGE PAONTA SAHIB	
Class	B.A. 2 nd year
Paper	Human Geography (Theory)
Subject	Geography 2022-23)

Dates	Week	Topics
5-8/8/22	1	Introduction Definition, Nature, Major Subfields
10-14/8/22	2	Major Subfields, Contemporary Relevance of Human Geography
1-5/9/22	3	Contemporary Relevance of Human Geography
		Class Test
8-12/9/22	4	Population World Population Distribution, density
		Tutorial
5-10/10/22	5	World Population Growth
12-13/10/22	6	Demographic Transition Theory.
		<i>Class Test</i>
2-7/11/22	7	Space and Society Human Races and its types
9-13/11/22	8	Classification of Human races (Griffith Taylor) and world distribution
		<i>Tutorial</i>
1-5/12/22	9	Major Religions of the world and distribution
7-12/12/22	10	Major languages of the world and distribution
		<i>Class Test</i>
19-25/2/23	11	Settlements Types and Patterns of Rural Settlements Classification of Urban settlements Trends and Patterns of World Urbanization
		Revision



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DEPARTMENT OF GEOGRAPHY, SGGSJ GOVT.COLLEGE PAONTA SAHIB	
Class	B.A. 2 nd year
Paper	Environmental Geography (Theory)
Subject	Geography 2022-23)

Dates	Week	Topics
17-22/8/22	1	Definition and Scope of Environmental Geography Meaning and Components of Environment
24-29/8/22	2	Ecosystem – Concept, components and Functions
		<i>Tutorial and Class Test</i>
14-19/9/22	3	Human-Environment Relationship Environmental Determinism and Possibilism
21-26/9/22	4	Biomes - Definition Mountain Biome
		Tutorial
14-17/10/22	5	Desert Biome
19-24/10/22 27-30/10/22	6	Environmental Problems: Air and water Pollution Air and water Pollution, Their Causes, Impacts and Management,
		<i>Quiz</i>
16-21/11/22	7	Biodiversity Loss
23-28/11/22	8	Environmental Management Initiatives in India Environmental Protection Act, 1982
		<i>Class Test</i>
14-19/12/22	9	Environmental Policy of India (2006),
21-24/12/22	10	Chipko Movement
FEB-2023		Revision



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DEPARTMENT OF GEOGRAPHY, SGGSJ GOVT.COLLEGE PAONTA SAHIB	
Class	B.A. 2 nd year
Paper	Regional Planning and Development (Theory) SEC
Subject	Geography 2022-23)

Dates	Week 3days	Topics
10-11/8/22	1	Paper-3 INTRODUCTION Concept, Need and Types of regional Planning
1-3/9/22	2	Characteristics and Delineation of Planning Region
		Tutorial
14-17/9/22	3	Regionalization: Concept, Hill Region: Case study of Himachal Pradesh (Physical and Cultural aspects)
		<i>Class Test</i>
5-8/10/22	4	MODELS FOR REGIONAL PLANNING: Growth Pole Theory
		Tutorial
3-5/11/22	5	Core Periphery Model
9-12/11/22	6	Regional Development Initiatives
		<i>Class Test</i>
1-3/12/22	7	Case Studies Integrated tribal development programme (ITDP)
7-9/12/22	8	Case Studies Damodar Valley Corporation (DVC)
		<i>Class Test</i>
DEC-FEB 22-23		Assignments and Revision
		Revision



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DEPARTMENT OF GEOGRAPHY, SGGSJ GOVT.COLLEGE PAONTA SAHIB	
Class	B.A. 2 nd year
Paper	Remote Sensing & GPS (Practical) SEC
Subject	Geography 2022-23)

Dates	Week 3 days	Topics
17-20/8/22	1	Remote Sensing: Definition, Development
24-26/8/22	2	Platforms and Types Practicals
		<i>Class Test</i>
14-17/9/22	3	Aerial Photography: Definitions, Principles Types and Geometry of Aerial Photograph with practical Practical work with Aerial Photograph
21-23/9/22	4	Preparation of Aerial Photograph exercises <i>Class Test</i>
28-30/9/22	5	Satellite Remote Sensing Principles, EMR Interaction with Atmosphere and Earth Surface
19-22/10/22	6	Practical work of EMR Interaction with Atmosphere and Earth Surface
26-28/10/22	7	Explanation of Landsat Series through PPT and practical <i>Class Test</i>
16-19/11/22	8	IRS Satellite Series and its Sensor with practical demonstration through PPT with practical
23-26/11/22	9	Bases of Visual Interpretation of Remote Sensing images PPT and Practical
14-17/12/22	10	Land use/ Land Cover in satellite Imagery with Practical
21-24/12/22	11	Fundamentals of Global Positioning System (GPS) – Principles and Uses with practical
23-25/2/23		GPS Practical Sessions



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DEPARTMENT OF GEOGRAPHY, SGGSJ GOVT.COLLEGE PAONTA SAHIB	
Class	B.A. 3rd year
Paper	Geography of India (Theory)
Subject	Geography 2022-23)

Dates	Week	Topics
5-8/8/22 & 10-11/8/22	1	Physical Setting Location, Major physiographic region of India
1-5/9/22	2	Major physiographic region of India
7-12/9/22	3	Climate – Factors, Characteristics Soils of India MCQ Test
5- 10/10/22	4	Population Size and Growth since 1901 Academic Function Tutorial
2-7/11/22	5	Population Distribution Population Density
9- 12/11/22	6	Literacy Sex Ratio Tutorial Class Test
2-5/12/22	7	Settlement System: Rural Settlement, Rural Settlement Types and Patterns
7- 12/12/22	8	Urban Settlement Types and Pattern. Class Test
22- 24/2/23	9	Power (Coal and hydroelectricity),
25- 26/2/23	10	Minerals (iron ore and bauxite)
1-3/3/23	11	Industries (Cotton Textile, Iron & Steel)
		End Term Examination



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Class	B.A. 3rd year
Paper	Disaster Management (Theory)
Subject	Geography 2022-23)

Dates	Week	Topics
17-22/8/22	1	Introduction and Definition of Disaster Management Concepts.: Hazards, Risk, Vulnerability and Disasters
		Class Test
25-29/8/22	2	Disasters in India: Causes, Impact, Distribution: Landslide
14-19/9/22	3	Causes, Impact, Distribution: Earthquake
21-25/9/22	4	Causes, Impact, Distribution: Cyclone
		Class Test
28-31/9/22	5	Human Induced Disasters: Causes, Impact, Distribution: Forest Fire
		Tutorial and seminar
19-24/10/22	6	Causes, Impact, Distribution: Road Accidents
		<i>Class Test</i>
27-30/10/22	7	Response and Mitigation to Disasters: Mitigation and Preparedness,
16-21/11/22	8	NDMA and NIDM
23-28/11/22	9	Indigenous Knowledge and Community-Based Disaster Management.
		Assignments
21-24/12/22	10	Do's and Don'ts During Disasters
		<i>Class test</i>
FEB 23		<i>Revision</i>
		End Term Examination



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Class	B.A. 3rd year
Paper	Geographic info. System (Practical) SEC
Subject	Geography 2022-23)

Dates	Week 3 days	Topics
10-11/8/22	1	Meaning and Scope of GIS
1-3/9/22	2	Components of GIS
7-11/9/22	3	History of Geographic Information System (GIS)
		Class Test
5-8/10/22	4	GIS Data Structures: Types (Spatial and Non-Spatial) Practical demonstration
12-13/10/22	5	Raster Data Structure Practical work
2-3/11/22	6	Vector Data Structure Practical Work
		Practical work Class Test.
4-7/11/22 9-13/11/22	7	Spatial referencing system Concept of Geo referencing Practical demonstration how to geo referenced topo-sheet in QGIS an open-source GIS software <i>Continuous practices with the software</i>
1-5/12/22	8	Editing and attribute data integration Theory
		Practices on QGIS
10-12/12/22	9	GIS based Exercises on QGIS GIS software Geo referencing
22-24/2/23	10	Extraction of Land Use/Land Cover layers of any area and thematic mapping Practical
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		End Term Examination



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DEPARTMENT OF GEOGRAPHY, SGGSJ GOVT.COLLEGE PAONTA SAHIB	
Class	B.A. 3rd year
Paper	Field Technique and survey-based project report (Practical)
Subject	Geography 2022-23)

Dates	Week 3 days	Topics
17- 22/8/22	1	Introduction Field Work in Geographical Studies–Role, Value and Ethics of Field-Work, Defining the Field and Identifying the Case Study–Rural /Urban/Physical /Human/ Environmental
24- 29/8/22		Field Techniques Merits, Demerits and Selection of the Appropriate Technique; Observation (Participant/Non Participant).
14- 19/9/22	2	Instructions regarding Field work
21- 26/9/22	3	Field work in the decided area (RENUKA II)
19- 24/10/22	4	Questionnaires (Open/Closed/ Structured/Non-Structured); Interview with Special Focus on Focused Group Discussions; Space Survey (Transects and Quadrants, Constructing a Sketch).
26- 30/10/22	5	Preparation of Questionnaires Field visit
16- 21/11/22	6	GPS Demonstration
24- 28/11/22	7	report preparation Report Writing
Dec-FEB 22-23	8	report preparation Report Writing
		End Term Examination



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