GEOGRAPHY DEPARTMENT

GEOGRAPHY OF INDIA
B.A 1ST SEM. (THEORY)

SECTION-A

- Second Week of October
  - India- Location and extent
- Third and Fourth Week of October
  - Relief Structure of India
  - Drainage System and their types
  - Climate: Mechanism of Monsoon
  - Seasons of India
  - Climatic Regions of India
- First Week of November
  - Soils of India: Degradation and Conservation
  - Natural Vegetation
  - Natural Hazards and Disasters in India

SECTION- B

- Second Week of November
  - Distribution and Density of Population
  - Growth and Composition of Population
- ThirdWeek of November
  - Migration: Pull and Push Factors
  - Types and Effects of Migration
- Fourth Week of December
  - Types of Human Settlements
  - Levels of Urbanization

SECTION- C

- First and Second Week of December
  - Land Resources
  - Irrigation
  - Regional variations in Cropping Pattern
- Third and Fourth Week of December
  - Green Revolution
  - Problems of Indian Agriculture
  - Minerals and Energy Resources: Coal, Petroleum, Hydroelectricity and Nuclear Energy, Iron ore, Manganese and Mica

SECTION- D

- First Week of January
  - Manufacturing Industries: Iron & Steel, Cotton Textile, Sugar and Petrochemical industries, Industrial regions of India
  - Modes of Transport and Communication
  - International Trade- changing pattern of Import and Export

- Second and third Week of January
  - Revision and tests

MAPS AND SCALES (Practical)
B.A 1ST SEM.

- Second Week of October
  - Introduction of Cartography
  - Nature, Scope and importance of Cartography
- Third and Fourth Week of October
  - Maps and their definitions
  - Importance and essentials of Maps
  - Classification of Maps
- First Week of November
  - Types of maps according to Scale
  - Types of maps according to Topographic details
- Second Week of November
  - Types of maps according to Content
- ThirdWeek of November
  - Quantitative and Qualitative Maps
- Fourth Week of December
  - Distribution maps
- First week of December
  - Definition of Scale
  - Methods of expressing a Scale
- Second Week of December
  - Plain Scale
  - Comparative Scale
- Third week of January
  - Time Scale
  - Pace Scale
  - Revolution Scale
- Fourth Week of January
  - Diagonal Scale
  - Measurement of Distance and Area on Maps

- First Week of January
  - Enlargement and Reduction of Maps

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  - Enlargement and Reduction of Maps

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PHYSICAL GEOGRAPHY (GEOMORPHOLOGY)
B.A 2nd SEM. (THEORY)

SECTION-A

- Second Week of April
  - Definition, Nature and Scope of Physical Geography
  - Development of Geomorphology
  - Importance of Physical Geography
- Third Week of April
  - Interior of Earth
  - Geological time Scale
  - Types of Rocks

SECTION- B

- FourthWeek of April
  - Earth Movements: Orographic, Eperogenic
  - Earthquakes and Volcanos
- First and Second Week of May
  - Theory of Isostasy
  - Wegnar's theory of Continental Drift
  - Plate Tectonic Theory

SECTION- C

- Third and fourth Week of May
  - Weathering: Causes and Types
  - Mass movements: Causes, Types and Impacts

SECTION-D

- FirstWeek of June
  - Concept of Cycle Erosion
  - Cycle of Erosion by W.M. Davis
- Second Week of June
  - Process of Wind
  - Process of River
- Third Week of June
  - Process of Underground Water
  - Process of Glaciers

- Process of Sea Waves
- Fourth Week of June
  - Rivision and Tests

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SECTION-A

- Second Week of April
  - Definition, Nature and Scope of Physical Geography
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  - Importance of Physical Geography
- Third Week of April
  - Interior of Earth
  - Geological time Scale
  - Types of Rocks

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- Process of Sea Waves

- Fourth Week of June
  - Rivision and Tests

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PHYSICAL GEOGRAPHY-II
B.A 3rd SEM. (THEORY)

SECTION-A

- First Week of October
  - Weather and Climate
- Second and Third Week of October
  - Origin, Composition and Structure of Atmosphere
  - Concept of Insolation
  - Global Heat Budget
- FourthWeek of October
  - Horizontal distribution of Temperature
  - Vertical distribution of Temperature
  - Inversion of Temperature

SECTION- B

- First Week of November
  - Atmospheric Pressure
  - Pressure Belts and Planetary Winds

- Second Week of November
  - Monsoon and Jet Streams
  - El- Nino and La- Nina
  - Local Winds

- Third and FourthWeek of November
  - Humidity: Measurement and Variables
  - Evaporation and Condensation
  - Precipitation and Hydrological Cycle

SECTION- C

- First and Second Week of December
  - Air Masses: Concept and Classification
  - Fronts: Types and Characteristics
  - Tropical and Extra -Tropical Cyclones

- Third and Fourth Week of December
  - Climatic Classification by Koppen
  - Climate Change
  - Global Warming

SECTION- D

- First Week of January
  - Configuration of Oceanic Floor
  - Tides, Waves and Oceanic Currents
- Second Week of January
  - Revision and tests

Representation of Climatic Data(Practical)
B.A 3rd SEM.

- First and Second Week of October
  - Measurement of Temperature and Rainfall
  - Measurement of Pressure and Humidity

- Third and Fourth Week of October
  - Line and Bar Graph
  - Distribution of Temperature (Isotherms)
  - Distribution of Rainfall (Isohyets)
  - Classification of Maps

- First and Second Week of November
  - Hythergraph
  - Rainfall Deviation Diagram

- Third and Fourth Week of November
  - Climograph (Wet Places)
  - Climograph (Dry Places)
  - Distribution of Pressure (Isobars)

- First and Second Week of December
  - Weather Map Interpretation (January)

        - Weather Map Interpretation (July)
    - Third and Fourth Week of December
        - Chain and Tape Survey
        - Revision and Final Checking of Sheets

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Navinder Singh
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LESSON PLAN

B.A. 2nd Year; Semester IV

Month	**Syllabus covered**
January	**Unit 1** i) Nature and Scope of Human Geography ii) Human Races and Tribes of India iii) The Concept of Man – Environment Relations
February	**Unit 2** i) Human Adaptation to The Environment ii) Resources: Meaning, Nature and Components *iii)* Classification of Resources iv) Distribution and Utilization of Biotic Resource
March	**Unit 3** i) Conservation of Natural Resources ii) Concept of Optimum Population, Overpopulation and Under Population iii) Theories Of Population iv) Rural Settlement v) Origin and Growth Of Towns
April	**Unit 4** i) Classification and Functions Of Town ii) Population Resources, Resource Use and Environmental Degradation iii) Sustainable Development

Paper – Map Projections

Month	**Syllabus covered (Practical)**
January	I. Map Projections: General Principles II. Cylindrical Map Projections
February	I. Conical Map Projections II. Zenithal Projections
March	I. Conventional Projections II. Identification and Choice of Map
April	I. Plane Table Survey

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March	**Unit 3** vi) Conservation of Natural Resources vii) Concept of Optimum Population, Overpopulation and Under Population viii) Theories Of Population ix) Rural Settlement x) Origin and Growth Of Towns
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Paper – Map Projections

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January	III. Map Projections: General Principles IV. Cylindrical Map Projections

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March	III. Conventional Projections IV. Identification and Choice of Map
April	II. Plane Table Survey

Navinder Singh
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LESSON PLAN

B.A. 3rdYear; Semester 5th

Month	**Syllabus covered**
October	vii) The Nature and Scope of Economic Geography viii) Classification of Economic Activity ix) World Natural Resources
November	ix) Utilization and Conservation Of Natural Resources x) Agricultural Resources xi) Mineral Resources
December	xi) Manufacturing Industries xii) Transport and Communication
January	vii) International Trade

LESSON PLAN

B.A. 3rdYear; Semester 5th

Month	**Syllabus covered(Practical)**
October	Principles of map design & layout
November	Principles of map design & layout Symbolization

December	Symbolization Distribution of Map
January	Prismatic Compass Survey

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LESSON PLAN

B.A. 3rd Year; Semester 5th

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January	Prismatic Compass Survey

Pooja
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B.A 6ST SEM. (THEORY)

Month	**Syllabus covered**
March	xiii) Introduction to Aerial Photographs xiv) Interpretation of Aerial Photographs xv) Remote Sensing
April	xv) Imageries and Their Application xvi) Geographical Information System
May	i) Applications of Geographical Information System ii) Measures of Central Tendency: Mean, Median and Mode
June	i) Measures of Dispersion ii) Coefficient of Variation

B.A 6ST SEM. (Practical)

Month	**Syllabus covered**
March	• Demarcation of Principal Elements on Aerial Photographs • Scale of Aerial Photographs
April	• Interpretation of Single Vertical Photograph

May	• Use of Stereoscope in Aerial Photographs
June	• Identification of Features on IRS-ID Imagery

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