**DEPARTMENT OF GEOGRAPHY**

**Teaching Plan (Even Semester)**

**Class:- B.A-1st Year (2nd Sem)**

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| --- | --- | --- | --- | --- |
| **Months** | **1st Week** | **2nd Week** | **3rd Week** | **4th Week** |
| **January** | **Theory :-****Physical Geography-*** Nature & Scope
* Fields of Physical Geography
* Relation with other sub branches

**Practical :-** Introduction of Topographical Maps: Degree sheet | **Theory :-****Seismology & Interior of Earth*** Different Layers of Earth, chemical composition and physical Properties.

**Practical :-** Topographical Maps, Half Degree Sheets, Quarter Sheets | **Theory :-****Geological Time Scale:** Meaning, Purpose, Importance and Time Spans**Practical :-** Introduction of Conventional Signs & Symbols | **Theory :-****Rocks:** Meaning, Classification & Rock Cycle**Practical :-** Introduction & Methods of Relief Representation  |
| **February** | **Theory :-****Earth Movements*** Endogenetic Movements-Diastrophism, Sudden Movements
* Exogenetic forces-Weathering, Mass Wasting
* Folds & Faults

**Practical :-** Hachures* Hill Shading
* Layer Tints
* Physiographic Symbols or Morphographic Method
 | **Theory :-****Earthquakes:*** Origin & Meaning
* Types of Earthquake Waves
* World Distribution:
* Seismic Zones of India
* Safety against Earthquakes

**Practical :-*** & Horizontal Equivalent Contours: drawing of contours

Vertical Interval. | **Theory :-*** **Volcanoes:** Meaning, Definition, Causes of volcanic eruption
* Types of Volcanoes

**Practical :-** * Representation of Slopes by Contours

Representation of Ridges by Contours. | **Theory :-*** **Continental Drift** Theory, Evidences in Favour of Theory & Critique
* **Plate Tectonic Theory:** Significance & Criticism

**Practical :-** * Representation of Complex Features by Contours
* Mixed Method
 |
| **March** | **Theory :-** **Weathering:** Types & Factors affecting**Practical :-** * Difference between Profile & Section

Types of Profile | **Theory :-** **Mass Movements/Wasting*** Factors affecting & Types

**Practical :-** * Cross Profile
* Serial Profile

Superimposed Profile. | **Theory :-****Cycle of Erosion*** Davis
* Penck

**Practical :-** Projected & Composite Profile | **Theory :-*** Cycle of Erosion by King
* Rejuvenation, Landforms produced

**Practical :-** Longitudinal Profiles |
| **April** | **Theory :-*** Aeolian Landforms
* Rivers

Landforms**Practical :-**  Revision | **Theory :-** Land * Karst Topography
* Glacial Landforms
* Coastal Landforms

**Practical :-** Test | **Theory** : * Resolving Queries
* Revision
 | **Theory :-*** Revision

Test |

**DEPARTMENT OF GEOGRAPHY**

**Teaching Plan (Even Semester)**

**Class:- B.A-2nd Year (4th Sem)**

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| --- | --- | --- | --- | --- |
| **Months** | **1st Week** | **2nd Week** | **3rd Week**  | **4th Week** |
| **January** | **Theory :-****Theory:** * Human Geography: Nature & Scope
* Branches & Approaches

.**Practical :-** Introduction to Map Projection | **Theory :-*** Race : Meaning & Definitions
* Classification & Distribution of Human Races in India
* Tribes of India: Santhals , Gond ( Geographical dist5ribution, characteristics)

**Practical :-** Classification & Importance of ProjectionsCharacteristics of Latitudes & Longitudes | **Theory :-*** Geographical Distribution of Different Tribes of India: Bhils, Munda,Todas, Nagas, Gaddis

**Practical :-** **Drawing of Cylindrical Projection** * Simple Cylindrical Projection
* Cylinderical Equal Area Projection

Mercator’s Projection | **Theory :-*** Environmental Determinism: Concept & Critique
* Possibilism
* Neo-Determinism

**Practical :-** * Drawing of Conical Projection
* Simple Conical Projection with one standard parallel & two standard parallel
 |
| **February** | **Theory :-**Human Adaptation to Environment * Cold Region : Eskimo
* Hot region : Bushman

**Practical :-** Drawing of:* Polar Zenithal Equidistant Projection

Polar Zenithal Equal Area Projection | **Theory :-*** Detailed account of Plateau Region- Gonds & Gujjars
* Meaning & Definition of Resources
* Static & Dynamic Concept of Resources

**Practical :-** Drawing of :Polar Zenithal Gnomonic ProjectionPolar Zenithal Stereographic Projection | **Theory :-**Resources* Classification, Distribution & Utilization of Biotic Resources: Forest Resources,

Agricultural Resources**Practical :-** Drawing of :Polar Zenithal Orthographic Projection* Bonne’s Projection
* Polyconic Projection
 | **Theory :-*** Distribution & Utilization of Animal Resources-Industries based on Animal products
* Distribution & Utilization of Water Resource

**Practical :-** Drawing of :Mollweide ProjectionSinosoidal Projection |
| **March** | **Theory :-*** Distribution & Utilization of Mineral Resources( Iron ore, Manganese, Copper, Bauxite)
* Distribution & Utilization of Energy Resources: Coal, Petroleum
* Water Power

**Practical :-** Definition & Importance of Surveying | **Theory :-*** Conservation of Natural Resources
* Factors affecting Population distribution
* Patterns of World Population distribution

**Practical :-** * Functions of Survey

Types of Surveys | **Theory :-****Practical :-** * Concepts of Optimum Population ,overpopulation & underpopulation
* Malthus: theory of Population
* David Ricardo’s theory of Population

**Practical :-** * Plane Table survey, Instruments, Procedure of Survey
 | **Theory :-****Practical :-** * Marxian Population theory
* Density & Distribution of Population in the World
* Demographic Transition Theory

**Practical :-** * Plane Table survey, Instruments, Procedure of Survey
 |
| **April** | **Theory :-*** Origin & Development of Human Settlements
* Rural Settlements: Types & Patterns
* Urban Settlements: Types & Patterns

**Practical :-** * Revision Test &
 | **Theory :-*** Population Pressure: Meaning
* Environmental Degradation ( Soil Erosion, Landslide, Volcanoes, Earthquale, Flood Drought
* Population Explosion &Resource
 | **Theory :-*** Sustainable Development: Origin & Concept
* Resolving Queries

Revision | **Theory :-*** Revision

Test |

**DEPARTMENT OF GEOGRAPHY**

**Teaching Plan (Even Semester)**

**Class:- B.A-3rd Year(6thSem)**

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| **Months** | **1st Week** | **2nd Week** | **3rd Week** | **4th Week** |
| **January** | **Theory :-*** Introduction to Aerial Photograph

.**Practical :-** Aerial Photograph: demarcation of elements & scale | **Theory :-*** History of Aerial Photograph
* Advantages & Types of Aerial Photograph

**Practical :-** Aerial Photograph: demarcation of elements & scale | **Theory :-*** Elements of Aerial Photograph

**Practical :-** Single Vertical Photograph | **Theory :-*** Interpretation of Aerial Photograph

**Practical :-** Single Vertical Photograph |
| **February** | **Theory :-**Remote Sensing: Introduction, Stages, Spectral Signature**Practical :-** Use of Stereoscope in Aerial Photographs | **Theory :-*** Types of Resolutions in Remote Sensing
* Satellites : Introduction & Types

**Practical :-** Use of Stereoscope in Aerial Photographs | **Theory :-*** Electromagnetic Spectrum
* Satellite Imageries.

**Practical :-** Identification of features on IRS-ID imagery | **Theory :-*** Imageries types & its application.

**Practical :-** Identification of features on IRS-ID imagery |
| **March** | **Theory :-*** Geographical Information System & its application.

**Practical :-** Survey: Introduction and its significance | **Theory :-*** Measures of Central Tendency: Mean

**Practical :-** Survey: Types and its significance | **Theory :-*** Measures of Central Tendency: Median

**Practical :-** Revision | **Theory :-*** Measures of Central Tendency: Mode

**Practical :-** Revision |
| **April** | **Theory :-*** Measures of Dispersion: Range.

**Practical :-** Revision | **Theory :-*** Measures of Dispersion: Standard Deviation
 | **Theory :-*** Measures of Dispersion: Coefficient of Variation
* Resolving Queries
 | **Theory :-*** Revision

 Test |