**DEPARTMENT OF GEOGRAPHY**

**Teaching Plan (Even Semester)**

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 Projections  Characteristics 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 Projection  Polar 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 Projection  Sinosoidal 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)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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 |