**LESSON PLAN**

**B.A. 1st Year; Semester Ist**

| **Month** | **Syllabus** |
| --- | --- |
| **October** | 1. India- Location 2. Relief Structure 3. Drainage System 4. Climate 5. Soils |
| **November** | 1. Natural Vegetation 2. Natural Hazards & Disaster 3. Population: Distribution, Density, Growth and Composition 4. Migration 5. Human Settlement: Types and Levels of Urbanization |
| **December** | 1. Land Resources 2. Irrigation 3. Regional Variations in Cropping Pattern 4. Green Revolution 5. Problems of Indian Agriculture |
| **January** | 1. Minerals and Energy Resources 2. Manufacturing Industries 3. Transport Communication 4. International Trade |

**MAPS AND SCALES (Practical)**

# B.A 1ST SEM.

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

**LESSON PLAN**

**B.A. 1st Year; 2nd Sem**

| **Month** | **Syllabus covered** |
| --- | --- |
| **January** | **Chapters:**   1. Definition, Nature and Scope of Physical Geography 2. Constitution of the Earth’s Interior 3. Geological time Scale 4. Rocks 5. Earth Movement |
| **February** | 1. Earthquakes and Volcanoes 2. Theory of Isostasy 3. Theory of Continental Drift 4. Plate Tectonics 5. Weathering 6. Mass Movement |
| **March** | 1. Cycle of Erosion 2. The work of wind and Aeolian Landforms 3. The work of Rivers and Produced Landforms 4. Underground water and Karst landforms 5. The work of Glaciers and Glaciated Landforms 6. Work of Sea waves and Coastal Landforms |
| **April** | Revision of the syllabus |

**B.A 1st year**

**2nd SEM. (Practical)**

| **Month** | **Syllabus covered** |
| --- | --- |
| **January** | * Topographical Maps |
| **February** | * Methods of Representing Relief |
| **March** | * Profiles |
| **April** | * Revision of syllabus |

**LESSON PLAN**

**B.A. 2nd Year; Semester III**

| **Month** | **Syllabus** |
| --- | --- |
| **October** | 1. Weather and Climate 2. Composition and Structure of Atmosphere 3. Insolation and Temperature |
| **November** | 1. Atmospheric Pressure and Winds 2. Atmospheric Humidity and Precipitation 3. Airmasses, Fronts and Cyclones |
| **December** | 1. Climatic Classification 2. Climate Change and Global Warming 3. Surface Configuration of the Ocean Floor |
| **January** | 1. Temperature and Salinity of Oceanic Water 2. Circulation Of oceanic Water 3. Oceanic Resources |

# LESSON PLAN

**B.A. 2nd Year; Semester 3 (Practical)**

# Paper – Representation of Climatic Data

| **Month** | **Syllabus covered** |
| --- | --- |
| **July** | Measurement of weather Elements |
| **August** | Presentation of Climatic Data |
| **September** | Weather Maps and Their Interpretation |
| **October** | Chain and Tape Survey |

**LESSON PLAN**

**B.A. 2nd Year; 4th Sem**

| **Month** | **Syllabus covered** |
| --- | --- |
| **January** | **Unit 1**   1. Nature and Scope of Human Geography 2. Human Races and Tribes of India |
| **February** | **Unit 2**   1. The Concept of Man – Environment Relations 2. Human Adaptation to The Environment 3. Resources: Meaning, Nature and Components 4. Classification of Resources 5. Distribution and Utilization of Biotic Resource |
| **March** | **Unit 3**   1. Conservation of Natural Resources 2. Concept of Optimum Population, Overpopulation and Under Population 3. Theories Of Population 4. Rural Settlement 5. Origin and Growth Of Towns |
| **April** | **Unit 4**   1. Classification and Functions Of Town 2. Population Resources, Resource Use and Environmental Degradation 3. Sustainable Development |

**Paper – Map Projections (Practical)**

| **Month** | **Syllabus covered (Practical)** |
| --- | --- |
| **January** | 1. Map Projections: General Principles |
| **February** | 1. Cylindrical Map Projections 2. Conical Map Projections 3. Zenithal Projections |
| **March** | 1. Conventional Projections 2. Identification and Choice of Map |
| **April** | 1. Plane Table Survey |

**LESSON PLAN**

**B.A. 3rdYear; Semester 5th**

| **Month** | **Syllabus covered** |
| --- | --- |
| **October** | 1. The Nature and Scope of Economic Geography 2. Classification of Economic Activity 3. World Natural Resources |
| **November** | 1. Utilization and Conservation Of Natural Resources 2. Agricultural Resources 3. Mineral Resources |
| **December** | 1. Manufacturing Industries 2. Transport and Communication |
| **January** | 1. International Trade |

**LESSON PLAN**

**B.A. 3rdYear; Semester 5th (PRACTICAL)**

| **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 |

**LESSON PLAN**

**B.A 6ST SEM. (THEORY)**

| **Month** | **Syllabus to be covered** |
| --- | --- |
| **January** | * Introduction to Aerial Photographs * Interpretation of Aerial Photographs |
| **February** | * Remote Sensing * Imageries and Their Application * Geographical Information System |
| **March** | * Applications of Geographical Information System * Measures of Central Tendency: Mean, Median and Mode |
| **April** | * Measures of Dispersion * Coefficient of Variation |

**B.A 6ST SEM. (Practical)**

| **Month** | **Syllabus covered** |
| --- | --- |
| **January** | * Demarcation of Principal Elements on Aerial Photographs * Scale of Aerial Photographs |
| **February** | * Interpretation of Single Vertical Photograph |
| **March** | * Use of Stereoscope in Aerial Photographs |
| **April** | * Identification of Features on IRS-ID Imagery |