**Geography Lesson Plan**

**BA (1st Year) 2nd Semester**

**Physical Geography**

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| **Month/ Week** | **Topic Covered** |
| **First and Second Week of March**  | **Nature and Definition of Physical Geography** |
| **Scope of Physical Geography** |
| **Sub-parts of Physical Geography and their interaction** |
|  | **Interior of Earth : Sources, Layering, Evidences** |
| **Class Test** |  |
| **Third Week of March** | **Geological Time Scale: Meaning, Construction and geographical Importance** |
| **Rocks and their Characteristics Igneous** |
| **Fourth Week of March** | **Sedimentary and Metamorphic** |
| **Class Test** |  |
| **Fourth and Fifth Week of March**  | **Earth Movements: Orogenty/ Eprogenetic** |
| **Earthquakes: Meaning, Measurement and Distribution** |
| **Class Test** |  |
| **First and Second week of April** | **Volcanic Eruption: Meaning nad type** |
| **Wegners Theory of Continental Drift** |
| **Plate Tectonic Theory: Basic concept and its application** |
| **Class Test** |  |
| **Third and Fourth Week of April** | **Weathering: Meaning, type and Importance** |
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| **Mass wasting: Meaning and Classification** |
|  | **Cycle of Erosion: Concept and off-shoots** |
| **May first and Second Week**  | **Davisian Ideas: Basic ideas, and theory**  |
| **Penks Viewpoints: Merits and Demerits** |
| **Comparison of Davis and Penk** |
| **Class Test** |  |
| **May and June**  | **Work of Wind: Meaning, Erosion, Transportation and Deposition works and landforms** |
| **Work of Running Water/River: Meaning, Erosion, Transportation and Deposition works and landforms** |
| **Underground water: Meaning, Erosion, Transportation and Deposition works and landforms** |
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| **Glaciers: Meaning, Erosion, Transportation and Deposition works and landforms** |
|  | **Sea waves: Meaning, Erosion, Transportation and Deposition works and landforms** |
| **June** | **Revision** |
| **June**  | **Revision and Tests** |
| **June to till papers** | **Full paper writing practices** |

**Geography Lesson Plan**

**BA (2rd Year) 4th Semester**

**Human Geography**

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| **Month/ Week** | **Topic Covered** |
| **First and Second Week of March** | **Introduction of Human Geography: Nature, Scope, Its relationship with other Social Science** |
| **Development of Geography through the corridors time** |
| **Branches of Human Geography (Class Test)** |
| **Class tests** |  |
| **Third Week of March** | **Division of Mankind: Spatial Distribution of Races** |
| **Concept of Man-Environment Relationship / Class Test** |
| **Fourth Week of March** | **Environmental Determinism,**  |
| **Possibilism** |
| **Neo-Determinism** |
| **Fourth Week of March** | **Human Adaptation: Eskimo, Bushman, Gonds, Gujjar** |
| **Meaning, Nature and Components of resources (Class Test)** |
| **First and Second week of April** | **Classification of Resource: Renewable and Non-renewable,**  |
| **Recyclable and Non-recyclable** |
| **Biotic and Abiotic** |
| **Third and Fourth Week of April** | **Distribution of Various resources,** |
| **Utilization of Resources (Class Test)** |
|  | **and Conservation of Resources** |
| **May first and Second Week** | **Basics of Distribution of world Population** |
| **Population Growth** |
| **Birth, Death and Migration Patterns in India and the world (Some theoretical Discussions) (Class Test)** |
| **May first and Second Week** | **Some population theories: Malthus, Over and Under Population, Ricardo and Marx** |
| **Third and fourth Week of May** | **Rural and Urban Settlements: Meaning, Origin, Classification.** |
| **Functional Classification of towns** |
| **Population Pressure** |
| **Resource use and Environmental Degradation (Class Test)** |
| **First week of June**  | **Sustainable Development**  |
|  | **Concept of Deforestation, Soil Erosion,**  |
|  | **Air and Water Pollution**  |
| **Till papers** | **Revision Classes and Remedial Classes (Class Test)** |

**Geography Lesson Plan**

**BA (3rd Year) 6th Semester**

**Basics of Remote Sensing and GIS: their Application**

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| **Month/ Week** | **Topic Covered** |
| **First and Second Week of March** | **General Introduction to Remote Sensing** |
| **Introduction to Aerial Photograph** |
| **History of Aerial Photograph in India and the World** |
| **Use and Utility of Aerial Photograph and Its Advantage (Class Test)** |
| **Class test** |  |
| **Third Week of March** | **Types of Aerial Photograph** |
| **Hands On Exercise: Aerial Photograph** |
| **Fourth Week of March**  | **Difference between Maps and Aerial Photograph** |
| **Scale and Stereoscopic Vision** |
| **Interpretation of Aerial Photograph****Basic principles of Interpretation of Photos*** **Point**
* **Line**
* **Area/ Polygon Features (Class Test)**
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| **April first and Second week**  | **Remote Sensing and Its fundamentals** |
| **Electromagnetic Spectrum** |
| **Satellites and their types (Class Test)** |
| **Third and fourth week of April** | **Types of Resolutions in Remote Sensing** |
| **Objectives of Remote Sensing** |
| **Remote Sensing in India and its various satellites** |
|  | **Images and their interpretation** |
| **Classification of Images** |
|  | **Application of Remote Sensing** |
| **First and Second Week of May** | **Meaning of Geographical Information System (GIS) (Class Test)** |
| **Type of GIS Data (Vector and Roster)**  |
| **Use and Advantage of GIS** |
|  | **Application of GIS (Class Test)** |
| **Second and Third week of May** | **Meaning of Statistics** |
| **Data Collection, Classification and Organization of Data** |
| **Measures of Central Tendency (Class Test)** |
| **Mean,** |
| **Median** |
| **Mode** |
|  | **Idea about Normal Distribution** |
|  | **Introduction of Measures of Dispersal** |
| **Last week of May and June** | **Standard Deviation : Its Use and Utility (Class Test)** |
|  | **Coefficient of Variation: Use, Method and Utility** |
| **June and till exams** | **Revision Classes and Remedial Classes** |