

**Lesson Plan**  
**Department of Geography, Govt.College Barota(GOHANA)**  
**Paper: Physical Geography DSC(Theory)**  
**Class and Session: B.A. 1st SEM.**  
**(from Jul 2024 to Nov 2024)**

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|----------------------|---|
| <b>Month: July</b>   | <b>Definition , Nature, scope, and fields of physical geography</b>                           |
| <b>Week: 3</b>       |   |
|                      | Introduction of Physical Geography, Geomorphology<br>Definition, Nature of Physical Geography |
|                      | Scope of Physical Geography   |
|                      | Fields of Physical Geography  |
|                      | Relation with other sciences  |
|                      | Importance of Physical Geography, Discussion  |
|                      |   |
|                      | <b>Constitution of the Earth's Interior</b>   |
|                      |   |
|                      | Introduction of the Interior of Earth   |
|                      | Sources of the Earth's Interior   |
|                      | Seismic Waves   |
|                      | Different layers and their chemical composition   |
|                      | Modern views regarding Earth's Interior   |
|                      | Conclusion and Discussion   |
| <b>Assignments</b>   |   |
|                      |   |
| <b>Month: August</b> |   |
| <b>Week:1</b>        | <b>Rocks</b>  |
|                      |   |
|                      | Meaning and Definition  |
|                      | Classification of Rocks   |
|                      | Igneous   |
|                      | Sedimentary, Metamorphic, Rock cycle  |
|                      |   |
| <b>Week: 2</b>       | <b>Discussion and Presentation</b>  |
|                      | <b>Test-I</b>   |
|                      |   |
|                      | Endogenetic forces, Exogenetic forces   |
|                      | Diastrophism  |
|                      | Folds, Faults   |
|                      |   |
|                      | Topography produced by faults   |
|                      | Discussion,   |
|                      |   |

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|                         | <b>Earthquakes and Volcanoes</b>  |
|                         | Meaning and Definition  |
|                         | Origin of Earthquakes and Waves   |
| <b>Week:3</b>           |   |
|                         | Intensity and magnitude of Earthquakes, Causes of Earthquakes                       |
|                         | Classification and distribution and effects of Earthquakes<br>Seismic zone of India |
|                         | Volcanoes   |
|                         | Volcanoes land forms, Distribution of volcanoes                                     |
|                         | <b>Theory of Continental Drift</b> , Background of the theory                       |
|                         | Wegner's theory   |
|                         |   |
| <b>Week 4</b>           |   |
|                         | Latest proofs in favour of continental Drift Theory                                 |
|                         | Criticism of Wegner's Theory, Conclusion and Discussion                             |
| <b>Month: September</b> |   |
| <b>Week:1</b>           | <b>Plate Tectonics</b> , Origin and evolution                                       |
|                         |   |
|                         | Criticism and significance  |
|                         | Causes of Plate Movement, Discussion  |
| <b>Week: 2</b>          | <b>Weathering</b>   |
|                         | Aggradation, and Degradation  |
|                         | Definition of Weathering, Definition of Weathering                                  |
|                         | Types of Weathering, Physical, Chemical, Biological                                 |
|                         | Factor affecting Weathering, importance of Weathering, Discussion                   |
| <b>Week:3</b>           | <b>Mass Movement</b>  |
|                         | Meaning and Definition , Factor Affecting Mass Movement                             |
|                         | Types and Impacts of Mass Movement, Discussion                                      |
|                         | <b>Cycle of Erosion, Meaning and Definition</b>                                     |
|                         | Cycle of Erosion by Devis, By Penk  |
| <b>Week: 4</b>          | Erosion, Normal Cycle of Erosion  |
| <b>October</b>          | Rejuvenation, landforms produced by Rejuvenation                                    |
| <b>Week :1</b>          | Importance of cycle of erosion  |
|                         | <b>The Work of Wind and Aeolin Landforms (Denudation)</b>                           |
|                         | Wind: meaning and area of operation   |
|                         | Types of Deserts, Works of wind   |
| <b>Week: 2</b>          | Factors controlling wind erosion  |

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|  | Landforms produced by winds Erosion, BY wind Deposition,<br>Discussion |
| <b>Week 3</b>  | <b>The work of River and Produced Landforms</b>                        |
|  | River: Meaning, Birth and Journey                                      |
|  | Erosional work of river  |
|  | Transformational work of river   |
|  | Depositional works of river  |
| <b>Week:4</b>  | Landforms produced by River  |
|  | Upper river valley   |
|  | Middle part of river valley  |
| <b>Month: November</b><br><b>Week:1</b>                    | Lower part of river valley   |
|  | Development of River Valley  |
|  |  |
|  | Tributary, Distributary  |
| Drainage basin, catchment area, watershed and water divide |  |
|  | <b>Revision and Problems</b>   |
|  | <b>Revision</b>  |
|  | <b>Revision</b>  |