

Lesson Plan of B.A. III sem. Geog Hons  
Geomorphology.

16th July → Unit-I

Nature and scope of Geomorphology;  
fundamental concepts; Plate tectonics.

August → Unit-I Test  
1. Theory of Isostasy: Pratt and Airy

2. Geological Time scale

U-II 3. The earth's interior.

Two Tests and Assignments.

September: Unit-II

Endogenetic forces: folds and faults and associated topography; Volcanoes and earthquakes.

Unit III → Exogenetic forces: weathering & mass wasting.

October

Unit-III → Test & presentation  
The work of River, wind, glacier sea wave and underground water and their associated features: cycle of erosion; Davis and Penck.

Two Test & Assignment

November Unit IV → Application of geomorphology to hydro economic activities; resource exploration, milit action, highway construction, dam site selection.

Test, seminar & Assignments.

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# Lesson Plan of M.A. III Sem. Geography

## Paper - oceanography

1<sup>st</sup> July to 31<sup>st</sup> July → Unit I - Definition & scope of oceanography,  
- Major sea voyages  
- oceanography & other sciences, distribution  
pattern of land and sea.

August - Unit-I - origin of ocean basins: Wegner's drift hypoth  
and sea floor spreading and Plate Tectonics  
Unit-II Depth of ocean, ocean floor profile - continental  
slope, Ridge and deeps, abyssal plains, sub  
canyons.

Two tests & Presentations

September - Unit-II

coral reefs - origin and distribution; ocean deposit  
configuration of ocean floors of Indian ocean and  
Atlantic ocean

Unit III :- Temperature of oceans; salinity in oc

October → Density of oceans, dynamics of ocean current  
currents of Atlantic, Pacific and Indian ocean,  
Tides & origin: Tsunami, ocean currents and II  
impact on climate and economy. 2 Test & assign

November → Ocean as source of food, mineral and energy  
resources; sea level changes; evidences, mech  
and impact: Maritime laws.

Seminar & Revision through G. D.

Jyoti