

# Department of Geography, University of Allahabad

Revised Syllabus for BA / B.Sc. I for Session 2022-23

## Paper I: Physical Geography

- Unit-I** Meaning, Scope and Development of Physical Geography; Origin of the Earth-Theories of Kant and James Jeans; Geological History of Earth; Interior of the Earth; Earth's Movements-Endogenetic and Exogenetic, Volcanoes and Earthquakes; Rocks, Weathering; Landforms formed by Running Water, Wind and Glacier.
- Unit-II** Structure and Composition of the Atmosphere; Insolation; Temperature; Pressure Belts and Winds; Humidity and Rainfall; Koeppen Classification of World Climates, Major Climatic types: Equatorial, Monsoon and Mediterranean types.
- Unit-III** Depth zones of the oceans: Bottom relief of Atlantic and Indian Oceans; Salinity; Tides; Ocean Currents; Coral Reefs.
- Unit-IV** Abiotic and Biotic Components of the Biosphere; Characteristics and types of Ecosystem; Biosphere as an Ecosystem; Biotic Succession; Biome Types: Equatorial Rainforest, Savanna and Temperate Grassland Biomes.