

# **Course outcome of UG Geography**

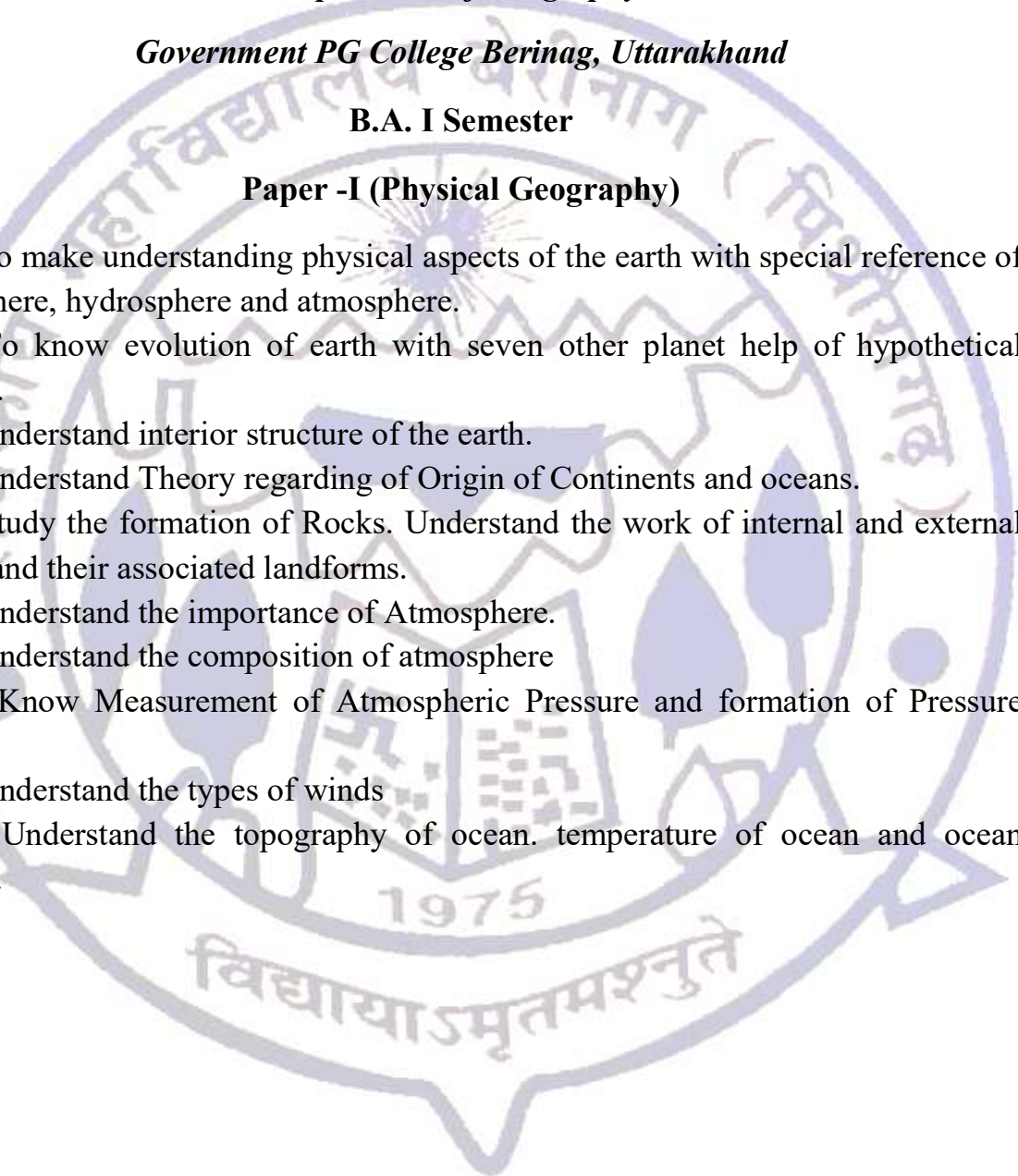
*Department of Geography*

*Government PG College Berinag, Uttarakhand*

**B.A. I Semester**

**Paper -I (Physical Geography)**

- CO1** To make understanding physical aspects of the earth with special reference of lithosphere, hydrosphere and atmosphere.
- CO2** To know evolution of earth with seven other planet help of hypothetical models.
- CO3** Understand interior structure of the earth.
- CO4** Understand Theory regarding of Origin of Continents and oceans.
- CO5** Study the formation of Rocks. Understand the work of internal and external forces and their associated landforms.
- CO6** Understand the importance of Atmosphere.
- CO7** Understand the composition of atmosphere
- CO8** Know Measurement of Atmospheric Pressure and formation of Pressure Belts.
- CO9** Understand the types of winds
- CO10** Understand the topography of ocean. temperature of ocean and ocean current.



## **Paper-II (Geography of Asia)**

**CO1** Understand the Asia in context of world, Asia relief, drainage, climate, vegetation, soil.

**CO2** To know the Population pattern of Asia.

**CO3** To know the major minerals of Asia, transport, industrial regions of Asia.

### **Practical (Basic cartographic Techniques)**

**CO1** Understand the type of scale and to know methods of Enlargement and Reduction of maps.

**CO2** Understand the cartography and to know the representation of relief.

## **B.A. II Semester**

### **Paper-I (Geomorphology)**

**CO1** To Get knowledge about nature and scope of geomorphology.

**CO2** Understand the vulcanicity, seismicity, and isostasy.

**CO3** To Get knowledge about models of landscape evolution.

**CO4** Understand the mass wasting and landforms associated with geomorphic agents.

### **Paper II (Geography of India)**

**CO1** To make understanding about physical features, geologic structure, drainage system, climate, natural vegetation, soils of India.

**CO2** To know about agriculture of India and To know the major crops of India.

**CO3** To know the major minerals of India, transport, industrial regions of India and power resources of India.

**CO4** To know the Population pattern of India and foreign trade.

### **Practical (Map reading and Interpretation)**

**CO1** To make understanding about Indian topographical map system.

**CO2** To make understanding about interpretation and preparation of weather report.

### **B.A. III Semester**

#### **Paper-I (climatology and biogeography)**

**CO1** To Get knowledge about nature and scope of climatology and General circulation of the atmosphere.

**CO2** Understand the climate type and their distribution and climate change.

**CO3** To Get knowledge about nature and scope of biogeography and ecology.

**CO4** Understand the distribution of plants in different ecosystem and distribution of animals in different ecosystem and environmental degradation.

#### **Paper-II (Human Geography)**

**CO1** To Get knowledge about nature and scope of human geography and relationship between of man and environment.

**CO2** Understand the world major races of mankind.

**CO3** To knows the Population patter of world .

**CO4** To Get knowledge about types and pattern of rural settlement and urban settlement.

#### **Practical (Thematic cartography)**

**CO1** Understand the cartographic representation of geographical data.

**CO2** To understand the how to make different type of graphs.

**CO3** Understand the representation of economic data.

**CO4** To Get knowledge about slope analysis.

## **B.A. IV Semester**

### **Paper-I (Urban Geography)**

**CO1** To know the evolution of urban geography and urbanization and trends of urbanization in the world.

**CO2** Understand the modern towns problem, urban morphology origin and growth of ancient towns.

**CO3** To Get knowledge about urban areas and conurbation, rural urban fringe and Umland.

**CO4** Understand the towns planning and hierarchy of urban settlement.

### **Paper-II( Environmental geography)**

**CO1** To Get knowledge about definition, nature and scope of Environmental geography.

**CO2** Understand the ecosystem, ecosystem services, bio-diversity, man and climate and soil system.

**CO3** To make understanding about environmental degradation, environment pollution.

**CO4** To make understanding environmental conservation and planning.

### **Practical (Surveying)**

**CO1** Understand the prismatic compass surveying technique.

**CO2** Understand the plan table surveying technique

**CO3** To know about how to measurement of height and depth by Indian pattern clinometers.

## **B.A. V Semester**

### **Paper-I (Evolution of geographical thoughts)**

- CO1** Understand the definition, purpose and ,basic concepts of geography.
- CO2** Understand the techniques and tools of geography.
- CO3** Understand the greek and roman geographers, contribution of arab geographers,renaissance ,eighteenth century geography and classical period of geography.
- CO4** Understand about school of thought : german, french ,british American and former soviet union.
- CO5** To Get knowledge about environmental determinism ,possibilism neo-determinism and probablism.
- CO6** Understand the dualism in geography.
- CO7** Understand the recent trends in geography.

### **Paper- II( Oceanography)**

- CO1** Understand the definition, Scope and development of oceanography.
- CO2** To knows the distribution of water over the globe.
- CO3** Understand the relief of ocean floor.
- CO4** Understand the continental drift and ocean floor spreading.
- CO5** To knows the composition of sea water.
- CO6** To understanding the temperature in oceans,salinity,density and watermasses in oceans,marine deposits.
- CO7** Understand the coral landforms,waves and currents ,tides.
- CO8** Understand the marine life.

## **Practical (Projections)**

**CO1** Understand the definition of map projection, necessity of map projections method of drawing projection.

**CO2** To understanding about simple conical projection with one and two standard parallels, bonne's projection ployconic projection.

**CO3** To skill of drawing cylindrical projections and Mercator's and gall's stereographic projection.

**CO4** To skill of drawing different type of zenithal projections.

## **B.A. VI Semester**

### **Paper-I(Economic geography)**

**CO1** Understand the definition, scope of economic geography.

**CO2** Get knowledge about meaning and classification of resources.

**CO3** Make aware about conservation of resources.

**CO4** Understanding the primary production, vegetation soil, mineral resources and power resources and resources conservation.

**CO5** Understand the agricultural regions ,principle crops and theory of agriculture location .

**CO6** Understand the theory of industrial location and industrial regions.

**CO7** Get knowledge about iron & steel, textiles, petro-chemical and sugar industries.

**CO8** Understand the world transportation and major trade blocs.

## **Paper-II (Political Geography)**

- CO1** Understand the definition, nature and scope of political geography.
- CO2** Knows the history and development of political geography.
- CO3** Understand the evolution of modern state .
- CO4** Understand the concept of nation, geographic characteristics of state.
- CO5** Get knowledge about frontier and boundaries.
- CO6** Get knowledge about globe Geo-strategic views ; mahan, Mackinder, Spykman,.
- CO7** Understand the Heartland and Rimland theory.
- CO8** Understand the political geography of india, resource development and power politics.
- CO9** Get knowledge about political geography of SAARC region.
- CO10** Understand the problems of boarder states of india.

## **Practical(Statistical techniques and geoinformation)**

- CO1** Understand the data, type of data and collectnion.
- CO2** Understand the sampling and method of sampling .
- CO3** Understand the measures of central tendency.
- CO4** Understand the measures of dispersion and correlation.
- CO5** Get knowledge about remote sensing.
- CO6** Understand the geographic data type ;spatial and non-spatial data.
- CO7** Get knowledge about principal functions of GIS and data capture.