

Syllabus for Class X

1. **PHYSICAL**
 - 1.1 **LITHOSPHERE**
 - 1.1.1 Landforms and their classification
 - 1.1.2 Mountains-fold, block, volcanic and relict mountains
 - 1.1.3 Plateaus-dissected, intermontane and lava plateaus
 - 1.1.4 Plains-alluvial flood plains, deltaic plains and coastal plains
 - 1.1.5 Weathering of the earth's crust-mechanical and chemical, their causes and effects –formation of soil.
 - 1.1.6 Works of rivers, glaciers and winds as agents of erosion and deposition
 - 1.2 **ATMOSPHERE**
 - 1.2.1 Composition of the atmosphere
 - 1.2.2 Major factors influencing air temperature and pressure, temperature and pressure belts of the world.
 - 1.2.3 Mechanism and types of winds , humidity and precipitation(interrelationship among different elements of weather and climate wherever possible.
 - 1.3 **HYDROSPHERE**
 - 1.3.1 Ocean Currents
 - 1.3.2 Tides
 2. **REGIONAL**
 - 2.1 **India**
 - 2.1.1 **Physical Geography of India**
 - 2.1.1.1 Relief – Physiographic divisions with salient features
 - 2.1.1.2 Drainage – major rivers and their characteristics
 - 2.1.1.3 Climate – climatic regions, seasons, vagaries of monsoon – drought and flood
 - 2.1.1.4 Natural vegetation and soil – major types and characteristics
 - 2.1.2 **Economic geography of India**
 - 2.1.2.1 Agriculture – importance and forms of irrigation major crops : food crops – rice ,wheat, plantation crops- tea and coffee, fibre crops- cotton and jute.
Industries : Textiles – cotton and jute; Iron and steel; Engineering – locomotives and automobiles; petro- chemical.
 - 2.2 **Asia**
 - 2.2.1 An outline of physical features- relief, drainage, climate and natural vegetation.
- Desk work:** Drawing of map, identification of important places and natural/resource region or centres, sketches of physical features as per syllabus of class X.
- Applicable for Examinees of Secondary Examination :-**
Selected topics from the syllabi of the classes VI,VII,VIII
1. West Bengal 2.Nile Basin 3. Lake Region of USA.