

APPGCET -2022: SYLLABUS
TEST NAME: 315 - GEOGRAPHY

SECTION – A

PRINCIPLES OF PHYSICAL GEOGRAPHY:

Interior of the Earth. Major relief features of the earth: Mountains, plateaus and plains.

Earthquakes and volcanoes. Chief types of rocks and their characteristics. Weathering and Erosion.

Land forms of Fluvial, Glacial, Arid, Marine and Karstorigin. Structure and composition of atmosphere. Distribution of temperature: Vertical and horizontal, inversion of temperature. Pressure belts and planetary wind system, monsoons and local winds. Precipitation, types of rainfall. Cyclones and anti-cyclones: Tropical and temperate cyclones.

SECTION – B

HUMAN AND ECONOMIC GEOGRAPHY:

Concept of resources, types of resources, conservation and management of resources. Distribution, Pattern and growth trends of population in the world. Types of settlements – Urban and Rural, Trends in Urban growth. Agriculture: Land use and special Economic Zones, Vonthunen Theory, Distribution of major forest types, major fishing grounds of the world. Mineral and power resources in the World: Iron, Bauxite, Coal & Petroleum. Location and distribution of Iron and Steel and Cotton Textile Industries in the World.

SECTION – C

REGIONAL GEOGRAPHY OF INDIA:

Location aspects, major physiographic regions, Climate, drainage, soil types and natural vegetation. Pattern and growth trends of population, Urbanization. Agriculture: Rice, Wheat, Cotton and Jute, Sugarcane, Tea & Coffee Irrigation and power development.

Minerals: Iron, manganese, Mica and Coal.

Industries: Iron and steel, Cotton textile, sugar and petroleum. Composition and pattern of international trade. Resource appraisal of Telangana, Rayalaseema and Coastal Andhra.