

# WEST BENGAL COUNCIL OF HIGHER SECONDARY EDUCATION

## SUBJECT: GEOGRAPHY (GEGR)

CLASS – XII

SEMESTER – III

FULL MARKS: 35

### Fundamentals of Physical Geography - MARKS: 15

Units	Contents	Hours
Unit 1	<b>Geotectonic:</b> Continental drift Theory according to Alfred Wegner – Concept, evidence, force of drifting and criticism	03
Unit 2	<b>Geomorphic Process:</b> Exogenic process – Mass wasting (Definition and types); Glacial Landforms (Types of Glacier, erosional and depositional processes with associated landforms); Work of Ground water and associated landforms (Erosional processes, landforms developed by Ground water – A. Erosional landforms: Sinkholes, dolines, caves, cavern and karst lakes B. Depositional landforms: Stalactites, stalagmites and cave pillars).	09
Unit 3	<b>Climate:</b> Water in the atmosphere (Condensation formation and types, Precipitation-formation and types)	05
Unit 4	<b>Hydrosphere:</b> Topography of Ocean floor- Major divisions, General characteristics of Ocean floor; Controlling factors and distribution of temperature, salinity and density of ocean water; Importance of Marine resources – Minerals, Food and Power; Classification of Ocean deposits according to origin and location	10
Unit 5	<b>Biosphere:</b> Nature, concept and types of eco-system; Concept of trophic levels, Food chain and food web	06

### Fundamentals of Human Geography - MARKS: 10

Units	Contents	Hours
Unit 1	<b>Population:</b> Distribution and Density of population (worldwide); Determinants and measures of Population Growth – Birth rate, Death rate, Migration (Definition and types of Migration); Concept of Age-Sex pyramid	07
Unit 2	<b>Settlement:</b> Types and patterns of settlement	08

### Geography of India - MARKS: 10

Units	Contents	Hours
Unit 1	<b>Population of India:</b> Distribution, density, growth, and composition of population	03
Unit 2	<b>Water Resources:</b> Water conservation and management; Watershed management and rainwater harvesting; Nature and types of irrigation systems; Sustainable use of water resources	04
Unit 3	<b>Mineral and Energy Resources:</b> Types, distribution and uses - Mineral resource (Iron Ore, Manganese, Bauxite, Copper, Mica); Conventional energy resource (Coal, Petroleum, Natural Gas, Nuclear Energy); Non-conventional energy resource (Solar, Wind, Tidal, Geothermal, Biogas energy, OTEC)	10
Unit 4	<b>Agriculture:</b> Importance of agriculture in Indian economy: Basic Concept of Crop calendar, Crop rotation, Crop combination and cropping intensity; Concept of Green, White and Blue revolution in India.	08
Unit 5	<b>Transport and Communication:</b> Importance of different modes of Transport; Types and importance of personal and mass communication systems	02
Unit 6:	<b>Trade and Economy:</b> Concept, classification; bases and Importance; Role of WTO in International trade	03