

WEST BENGAL COUNCIL OF HIGHER SECONDARY EDUCATION

SUBJECT: GEOGRAPHY (GEGR)

CLASS – XI

SEMESTER – II

FULL MARKS: 35

Fundamentals of Physical Geography - MARKS: 15

Units	Contents	Hours
Unit 1	Concept of Isostasy: Concept of Isostatic anomalies: Theories of Airy and Pratt; Isostatic Adjustments; Cymatogeny	04
Unit 2	Geomorphic Process: Endogenic Processes - Definition, mechanism, structural elements and resultant landforms of Fold and Fault: Types of fold on the basis of axis and axis plane: types of fault on basis of origin. Exogenic processes - Weathering (Definition, types, and resultant features); Soil forming process and factors; Soil profile development, Soil erosion; Soil conservation and management	12
Unit 3	Weather and Climate: Climatic Elements - Solar Radiation; Heat balance; Temperature distribution (horizontal and vertical); Controlling factors of temperature distribution; Inversion of temperature (definition and types) Atmosphere Circulation - Controlling factors of atmospheric motion; Tri-cellular model; Planetary winds; Zonal winds (Surface - Walker circulation; Upper Air - Jet stream)	10
Unit 4	Hydrosphere: Modes and Occurrence of water on Earth; Global hydrological cycle; Definition, Types (surface and sub-surface) and controlling factors of run-off; Drainage basin as a hydrological unit	10

Fundamentals of Human Geography - MARKS: 12

Units	Contents	Hours
Unit 1	Secondary Activities - Industry: Classification of Industries; Factors responsible for industrial location; Distribution and favourable condition for the development of the following industries of any one leading country of world (except India)- a) Agro-based: food processing industries ; b) Sea-based: commercial marine fishin. c) Forest-based: paper industries d) Mineral-based: Metallic (Iron and steel): Non-metallic (Petrochemical) e) Manufacturing-based: Automobile	12
Unit 2	Tertiary Activities: Definition, classification: Trade, Transport, Service, Commutation and Tourism.	02
Unit 3	Quaternary Activities: Nature and characteristics of Information and Communication Technology (ICT) based industries; Research and Development (R&D) based industries	01
Unit 4	Quinary Activities: Roles of specialists; decision-makers; consultants, policy formulators	01

Geography of India - MARKS: 08

Units	Contents	Hours
Unit 1	Indian Climate: Controlling factors of Indian climate; Nature of Indian monsoon; Seasonal variability of weather; Monsoon and Indian Economy; Impact of ENSO Phenomena and global warming on Indian climate	08
Unit 2	Forests of India: Types of forests; Ecological and economic significance; Programmes and policies of forest management in India	04
Unit 3	Natural Hazards and Disasters of India: Definition and classification of hazards and disasters; National disaster management policy, 2019; Hazards prone zones of India with special reference of West Bengal.	07