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- 2.3 : Problems of Great Plains : Flood and Drought, Bank erosion, Environmental Pollution.
- 2.4 : Problems of Coastal belts : Erosion, Cyclone, Oil-spill, Implementation of CRZ, Non-degradable waste.

UNIT - III : Natural Resource Management

- 3.1 : Augmentation of Water : Big Dams and Reservoirs, River linkage, Micro-Watershed planning, Water harvesting, Safe utilization of Ground water.
- 3.2 : Forest Resource Management : Policy of conservation with special reference to Participatory Forest Management.
- 3.3 : Land Management : Conservation of Ramsar Sites, Conversion of landuse, Land reclamation.
- 3.4 : Minerals and Power : Problems of Mining—Open pit, Underground and Under sea; Advantages and disadvantages of Hydel, Thermal, Nuclear power and Non-conventional Energy bases in India.

UNIT - IV : Socio-Economic Issues

- 4.1 : Changing Nature of India's economic base with reference to Agriculture, Industry, Trade and Transport.
- 4.2 : Rural-Urban Linkage and Interaction ; Urbanization in India : Problems, Processes and Hierarchy.
- 4.3 : Regional Disparities in Population : Growth, Domestic production, Infrastructure and Human development.
- 4.4 : Rural development Models and Mega City Projects.

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Module - 12 : West Bengal and Sundarban (Marks : 50)

UNIT - I : Terrain Characteristics of West Bengal

- 1.1 : Geomorphological Units.
- 1.2 : Hydro-morphological Characteristics.
- 1.3 : Climatic Characteristics : Flood and Drought,
- 1.4 : Ground water : Distribution and Characteristics.

UNIT - II : Socio-Economic Background of West Bengal

- 2.1 : Population dynamics : Growth, Migration and Changing population composition.
- 2.2 : Technological innovation, Land reform and changing Rural economy.
- 2.3 : Problems of Industrialization and changing Industrial scenario.
- 2.4 : Infrastructural Development and Urbanisation.

UNIT - III : Problems and Prospects of West Bengal

- 3.1 : Hazards and Disasters : adjustment and mitigation.
- 3.2 : Decay of Rivers and its effect on the Port industrial economy.
- 3.3 : Ground Water Contamination and its impact.
- 3.4 : Human Development.