

Details Syllabus of Environmental Studies and Disaster Management

UNIT 1 : CONCEPT OF ENVIRONMENTAL STUDIES

Definition of Environmental Studies and its Scope; Environmental Studies and its Multi Disciplinary Nature; Rules and Regulations of Environmental Studies and Public Awareness.

UNIT 2 : NATURAL RESOURCES

Natural Resources; Types of Natural Resources; Forest Resources; Water Resources; Mineral Resources; Food Resources; Energy Resources; Land Resources; Conservation of Natural Resources; Sustainable Development

UNIT 3 : ECOSYSTEM

Ecosystem; Food Chain; Food Web; Energy Flow; Ecological Pyramid; Main Ecosystems

UNIT 4 : BIODIVERSITY AND ITS CONSERVATION

Definition of Biodiversity; Values of Biodiversity; Biodiversity at Global, National and Local Levels; Hotspots of Biodiversity; Endangered and Endemic Species; Threats to Biodiversity
Conservation of Biodiversity

UNIT 5 : ENVIRONMENTAL POLLUTION

Environmental Pollution-Definition; Air Pollution; Water Pollution
Soil Pollution; Noise Pollution; Thermal Pollution; Role of Individual in Prevention of Pollution

UNIT 6 : CONCEPT OF DISASTER

Defining Disasters; Types of Disasters; Difference Between Hazard: Disaster, Risk and Vulnerability; Causes, Effects and Mitigation Measures of Some Natural Disasters; Man made Disasters

UNIT 7 : DISASTER MANAGEMENT

Disaster Management; Safety Measures Immediately before a Disaster; Emergency Aid; Methods or Steps Taken for Disaster Management; NGO and Participation of Civil Society; Regional Disaster Management and Planning