

## **CC-P: Environmental Geography**

### **1. Introduction to Environmental Geography**

- 1.1 Definition, Nature and scope of Environmental Geography
- 1.2 Types of Environment
- 1.3 Importance of Environmental Geography
- 1.4 Approaches to study of environmental Geography

### **2. Ecosystem**

- 2.1 Meaning, concept and definition of ecosystem
- 2.2 Structure (Biotic and Abiotic factors) and Food chain, Tropic Level, Food web, Energy flow
- 2.3 Types of ecosystem- a) Equatorial Forest and b) Pond Ecosystem

### **3. Biodiversity and its Conservation**

- 3.1 Concept of Biodiversity
- 3.2 Economic value and potential of Biodiversity
- 3.3 Loss of Biodiversity and hotspots in India
- 3.4 Conservation of Biodiversity

### **4. Environmental Pollution**

- 4.1 Concept of Pollution
- 4.2 Air pollution - Causes, Effects and Control measures
- 4.3 Water pollution - Causes, Effects and Control measures
- 4.4 Soil pollution - Causes, Effects and Control measures

### **5. Environmental Disaster**

- 5.1 Meaning and concepts of environmental disaster
- 5.2 Classification of Disaster
- 5.3 Natural Disaster - a) Earthquake, b) Flood
- 5.4 Biological Disaster - a) Swine flu, b) Novel Corona (COVID-19)

### **6. Environmental Problems**

- 6.1 Global Warming and Climate Change
- 6.2 Ozone Depletion
- 6.3 Acid rain
- 6.4 Over use of Chemical Fertilizers, Pesticides and Insecticides

### **7. Environmental Planning and Management**

- 7.1 Need of Planning and Management
- 7.2 Micro, macro and meso level Planning and Management with reference to India
- 7.3 Environmental impact assessment

### **8. Environmental Policies**

- 8.1 Introduction of environmental policies
  - 8.2 Environmental education in India
  - 8.3 Kyoto Protocol
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