

PART -A

- Q1 (a) What are the biogeographic zones of India? (1.5)
- (b) Define the concept of sustainability and sustainable development. (1.5)
- (c) What are the structure and function of the ecosystem? (1.5)
- (d) Elaborate on the word acid rain. (1.5)
- (e) Write in short, about the desert ecosystem. (1.5)
- (f) What are the scope and importance of Environmental Studies? (1.5)
- (g) What is CBD? (1.5)
- (h) Describe in short Environmental Ethics. (1.5)
- (i) What do you stand by disaster management? (1.5)
- (j) Define endangered and endemic species of India. (1.5)

PART -B

- Q2 (a) What do you understand by energy flow in an ecosystem, explain with an example. (10)
- (b) What are all the threats to biodiversity, mention a few examples. (5)
- Q3 (a) How are Ozone Layer depletion and smog linked and what are its impact on human communities and climate change? (5)
- (b) Write a note on the aquatic ecosystem and grassland ecosystem with the help (10)

Q4 Elaborate in detail about the causes and impacts of mining, and dam building (15)
on forests, biodiversity, environment. Moreover, explains the uses and over-exploitation of surface and groundwater.

Q5 (a) What is the difference between In-situ and Ex-situ conservation of (5)
biodiversity?

(b) Explain in detail what are the sources, effects, causes, and controls of pollution. (10)
Discuss the major impacts of human activities on the environment.

Q6 (a) What is the aim, vision, and functioning of two environmental movements? (10)
Also, explain the public awareness as a role of Indians.

(b) What are the control measures for urban and industrial waste for solid waste? (5)

Q7 Discuss the salient features of the Wildlife Protection Act; Forest Conservation (15)
Act; and Environmental Protection Act and how they contribute to the
safeguarding of the environment in India.

