

## Chapter-1 Practice Questions

### Very Short Answer Questions

- Q1. Define environmental studies.
- Q2. State the different components of environmental studies.
- Q3. State the objective of studying environmental studies.
- Q4. State the scope of environmental studies.
- Q5. Explain the concept of atom economy in brief.
- Q6. Define pollutants.

### Short answer Questions

- Q1. Distinguish between renewable and non-renewable resources with examples.
- Q2. Distinguish between degradable and non-degradable waste with examples.
- Q3. How can people contribute to environmental protection?
- Q4. Mention the role of engineers and scientists in environmental protection.
- Q5. Define the biotic and abiotic components of our environment.
- Q6. What is the need for environmental awareness?

### Long answer Questions

- Q1. How can we help to reduce improper use of resources?
- Q2. Differentiate between abiotic and biotic components with examples.
- Q3. Explain the factors affecting our environment.
- Q4. Explain the factors that contribute to environmental pollution with examples.
- Q5. Write about the remedies for environmental destruction.

## Chapter 2- Practice Questions

### Very short answer

- Q1. Define ecosystem with suitable example.
- Q2. Define the 10% law.
- Q3. Define the ecological pyramid.
- Q4. What is ecological succession?
- Q5. Write the functions of an ecosystem in brief.
- Q6. What are producers, consumers and decomposers?

### Short answer Questions

- Q1. State the functions of our ecosystem.
- Q2. State the different components of the atmosphere.
- Q3. State the flow of energy in the ecosystem.

- Q4. What is forest ecosystem? What are the threats to forest ecosystem.
- Q5. What is grassland ecosystem. How can ecosystem grassland ecosystem be conserved.
- Q6. Explain desert ecosystem.
- Q7. From the following factors, demarcate the biotic and abiotic components — Sunlight, plants, water, animals, soil, insects, and fungi.

### **Long answer Questions**

- Q1. Explain and compare the different types of ecosystems.
- Q2. Explain and differentiate between the food chain and food web.
- Q3. “The flow of energy is one-way and continuous in an ecosystem”. Justify.
- Q4. Explain producers, consumers and decomposers in the ecosystem with examples.
- Q5. Explain the different “spheres” of our environment stating their importance.
- Q6. What are the basic principles of ‘Green Chemistry’?

## **Chapter 3- Practice Questions**

### **Very Short Answer Questions**

- Q1. Define biodiversity.
- Q2. Define ecosystem diversity.
- Q3. Define genetic species.

### **Short Answer Questions**

- Q1. What are the major threats to biodiversity?
- Q2. Write about the hotspots of biodiversity.
- Q3. Write the values of biodiversity.
- Q4. What are the methods of biodiversity conservation?
- Q5. Write about poaching of wildlife.

### **Long Answer Questions**

- Q1. Explain in-situ and ex-situ biodiversity conservation.
- Q2. Explain the biogeographical classification of India.
- Q3. “India is a megadiverse nation”. Explain.