Question Bank

**Program: CH**

**Semester: Fifth**

**Name of course: Environmental Technology**

**Course code: 22511**

**Unit Test 1**

**Chapter 1-Ecosystem (12 marks)**

**2 marks question**

1. Define ecosystem.
2. List the components of ecosystem.
3. Name the gases responsible for global warming.

**4 marks question**

1. Explain the structure of ecosystem.
2. Describe Food web in marine ecosystem.
3. Explain carbon cycle.
4. Explain nitrogen cycle
5. Explain phosphorous cycle.
6. Explain terrestrial ecosystem.
7. Explain ozone layer depletion.

**Chapter 2 Air Pollution and Control (18 marks)**

**2 marks question**

1. List the pollutants produced from man made sources.
2. List types of air pollutants.
3. Name any four equipments used for control of particulate pollutants.
4. Draw neat sketch of dust fall jar.
5. List four pollutants produced in cement plant.
6. List any four advantages of bag filter.
7. Draw neat sketch of cyclone separator.

**4 marks question**

1. Explain working of bag filter.
2. Draw neat sketch of electrostatic precipitator.
3. Describe effect of carbon monoxide and sulfur dioxide on human health.
4. Explain working of bag filter.
5. Describe gaseous pollution control by absorber.
6. Explain role of catalytic converter to reduce gaseous pollutants.
7. State advantages and disadvantages of electrostatic precipitator.

**Chapter 3 Water Pollution and Control (Part-1) (18 marks)**

**2 marks question**

1. Define BPD and COD.
2. List four water pollutants.
3. Name the various sources of water pollution.

**4 marks question**

1. Write significance of BOD and COD.
2. State the characteristics of water pollutants.
3. Explain preliminary method for water pollution control.