

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA INTEGRATED– SEMESTER VI - EXAMINATION –WINTER-2022

Subject Code: 2668604**Date: 16/12/2022****Subject Name: Environmental Studies****Time: 10:30 AM TO 01:00 PM****Total Marks: 70****Instructions:**

- 1. Attempt all questions.**
- 2. Make Suitable assumptions wherever necessary.**
- 3. Figures to the right indicate full marks.**

- Q.1 (a)** Why environmental education is important? Discuss the steps required to spread awareness to the public. **07**
- (b)** Define soil erosion. Describe the methods of conservation of soil erosion. **07**
- Q.2 (a)** What is global warming? Why is it considered to be one of the major global environmental issues? **07**
- (b)** Enlist common air pollutants. Discuss the sources and effects of any three air pollutions. **07**
- OR**
- (b)** Discuss role of an individual in conservation of natural resources. **07**
- Q.3 (a)** What are the sources of water pollution? Discuss the effects of water pollution **07**
- (b)** Explain components of Eco system and their role. List any three ecosystem example. **07**
- OR**
- Q.3 (a)** What is noise pollution? Describe the sources and effects of noise pollution. **07**
- (b)** Describe different methods of solid waste collection and explain the hazards associated with improper handling of this waste. **07**
- Q.4 (a)** Mention at least seven steps that you as an individual can take to prevent pollution? **07**
- (b)** Write a short note on Landslide. **07**
- OR**
- Q.4 (a)** Draw and explain Nitrogen Cycle. **07**
- (b)** What are the causes and effect of Deforestation **07**
- Q.5 (a)** Role of information technology in environment and human health. **07**
- (b)** What is climate change? Describe the impact of climate change on human communities and agriculture. **07**
- OR**
- Q.5 (a)** Describe the causes and effects of Acid Rain. **07**
- (b)** Write a short note on Sustainable development. **07**
