

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA INTEGRATED– SEMESTER - VI EXAMINATION- SUMMER-2023

Subject Code: 2668604

Date: 23/06/2023

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.**
- 4. Use of simple calculators and non-programmable scientific calculators are permitted.**

- Q.1** (a) Explain Scope and importance of Environmental Studies. **07**
(b) What is the role of individual in the conservation of natural resources? **07**
- Q.2** (a) What are Sources of food? Write note on Global and Indian food Demand scenario.6 **07**
(b) Describe Water Resources. **07**
- OR**
- (b) What is resource? Describe land as a resource. **07**
- Q.3** (a) Define and explain following terms: **07**
Growing energy needs
renewable and nonrenewable energy sources
(b) What is soil erosion? Write about three techniques that protect soil erosion? **07**
- OR**
- Q.3** (a) Name any three well known thinkers and their contribution to save the environment. 0 **07**
(b) Define and explain Energy flow in the ecosystem. **07**
- Q.4** (a) What is ecosystem? Explain the structure and functions of ecosystem. **07**
(b) Explain Solid waste Management in Details. **07**
- OR**
- Q.4** (a) What is pollution? Explain in brief types of pollution **07**
(b) Define and explain following terms: **07**
Population growth.
Air Pollution.
- Q.5** (a) Explain the role of Information Technology in environment and human health **07**
(b) Define effects and control measures of environmental pollution. **07**
- OR**
- Q.5** (a) Explain Environmental Laws in Details. **07**
(b) Write Role of individual in the Prevention of Pollution. **07**
