

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM - SEMESTER- 2 EXAMINATION – WINTER -2019

Subject Code: 2220006**Date: 20-12-2019****Subject Name: Environmental Studies****Time: 10:30 AM TO 01:30 PM****Total Marks: 80****Instructions:**

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) What is an Environment study? Write a note on Components of Environment. **06**
(b) Give the scope and importance of Environment studies in the Education System. **05**
(c) Write a note on Impact of technology on Environment. **05**
- Q.2** (a) What is the Malthusian Theory of Population? Discuss. **06**
(b) What is an ecological pyramid? Discuss. **05**
(c) Write a note on Food Chains. **05**
- Q.3** (a) Give a brief note on Estuarine Ecosystem and Aquatic Ecosystem. **06**
(b) Give a note on impact of Urbanization on environment. **05**
(c) Enumerate Bio-Geo- Chemical Cycles. Explain any one in detail. **05**
- Q.4** (a) Write a note on non-renewable natural resources. Discuss about role of individual in its conservation. **06**
(b) Describe the situation of paucity of water by use of abundance water consumption in India and in other foreign countries. **05**
(c) Describe Economic importance and benefits of forests. **05**
- Q.5** (a) Give the Classification of air pollutants and explain its effects. **06**
(b) How to Measure the noise pollution. Describe its Causes and Effects. **05**
(c) Write a note on Role of individual in the prevention of pollution. **05**
- Q. 6** (a) Explain relationship between Greenhouse effect and Global Warming. **06**
(b) What is the ozone layer? How is it helping and how is its depletion affecting us? **05**
(c) Write a note on global energy crisis. **05**
- Q.7** (a) Give the Classification of water pollutants. And give a note on the Effects of water pollutants. **06**
(b) Write a note on Water resources. **05**
(c) Describe Land as a resource and its social issues. **05**
