

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Pharm - SEMESTER- II - EXAMINATION – SUMMER-2017

Subject Code: 2220006**Date: 12/06/2017****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) 1) Environment 2) Ecology 3) Nitrogen cycle **06**
(b) Write the objectives and principles of environmental education **05**
(c) What are impacts of technology on Environment? Describe impacts on environment by uses of different sources of energy. **05**
- Q.2** (a) 1) Deforestation and Desertification 2) Pond ecosystem **06**
3) Decomposer
(b) Differentiate the food chain and food web and explain the food chain and food web with one example for each. **05**
(c) What is ecological pyramid? Describe the pyramid of mass with sketch. **05**
- Q.3** (a) What is a resource? What is importance of resources in human life? Give classification of resources. **06**
(b) Distinguish between renewable and Non-renewable resources. **05**
(c) What are the problems associated with the over exploitation of water resources? **05**
- Q.4** (a) Explain the environmental problems posed by population explosion. **06**
(b) Write short note on Eutrophication. **05**
(c) Explain Thermal pollution: causes and effects **05**
- Q.5** (a) State the measures to control noise pollution also discuss the harmful effects of noise pollution **06**
(b) Discuss various air pollutants **05**
(c) Discuss role of individuals in the prevention of pollution. **05**
- Q.6** (a) Write note on Acid rain. **06**
(b) What is land degradation and what are the causes of land degradation? **05**
(c) Write short note on Greenhouse effect. **05**
- Q.7** (a) What is global warming? What are the impacts of global warming? Which are the measures to reduce global warming? **06**
(b) What are the sources of food and explain global food problems. **05**
(c) Ozone layer Depletion. **05**
