



**GUJARAT TECHNOLOGICAL UNIVERSITY**

**B.PHARM – SEMESTER – 2- EXAMINATION –WINTER - 2018**

**Subject Code:2220006**

**Date: 17/12/2018**

**Subject Name: Environmental Studies**

**Time:02:30 PM TO 05:30 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) Classify Ecology and give its objectives.	06
	(b) Define Environment and give its Components.	05
	(c) Explain scope and importance of Environment in Education System.	05
Q.2	(a) Explain Energy Flow in ecosystem.	06
	(b) Describe Concept of an ecosystem.	05
	(c) Write short note on Food Chains.	05
Q.3	(a) Explain Renewable and Nonrenewable resources.	06
	(b) Explain Desert Ecosystem.	05
	(c) Describe Role of individual in conservation of natural resources.	05
Q.4	(a) Describe causes, effects and remedial measures Deforestation.	06
	(b) Write note on Grassland Ecosystem.	05
	(c) Explain Land as a resource and its social issues.	05
Q.5	(a) Explain Population and Environmental Degradation.	06
	(b) Describe Global and Indian food demand scenario.	05
	(c) Write on Malthusian theory.	05
Q.6	(a) Describe Water Quality Standards and Sources of Water Pollution.	06
	(b) Classify air pollutants and write Sources of it.	05
	(c) Write note on Land degradation.	05
Q.7	(a) Describe Causes and effects of Thermal Pollution.	06
	(b) Explain Global Warming and Green House Effect.	05
	(c) Write note on Acid Rain.	05

\*\*\*\*\*