

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

Subject Code: 2220006

Date: 07-06-2019

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.

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|-------------|---|-----------|
| Q.1 | (a) What are natural resources? Write a note on renewable natural resources. | 06 |
| | (b) Explain Role of individual in conservation of natural resources. | 05 |
| | (c) Describe Water resources. | 05 |
| Q.2 | (a) Explain Ecological and Economic importance and benefits of forest. | 06 |
| | (b) Discuss causes and effects Deforestation. | 05 |
| | (c) What are Sources of food? Write note on Global and Indian food demand scenario. | 05 |
| Q.3 | (a) Describe Hydrologic Cycle & Carbon cycle. | 06 |
| | (b) Write short note on Food Chains. | 05 |
| | (c) Explain Aquatic Ecosystem. | 05 |
| Q.4 | (a) Define Ecology. Write structure and functions of ecosystem. | 06 |
| | (b) Explain Global Warming and Green House Effect. | 05 |
| | (c) Discuss an ecological pyramid. | 05 |
| Q.5 | (a) Explain the relationship between Man and Environment. | 06 |
| | (b) Discuss Multidisciplinary nature of the Environment studies. | 05 |
| | (c) Describe Impact of technology on Environment. | 05 |
| Q. 6 | (a) Discuss Causes, Effects and Control of Population explosion. | 06 |
| | (b) Explain Urban population growth and Environmental problems. | 05 |
| | (c) Write short note on Air Pollution. | 05 |
| Q.7 | (a) Describe causes, effects and control Land degradation. | 06 |
| | (b) Write Role of individual in the prevention of pollution. | 05 |
| | (c) Explain Depletion of Ozone layer. | 05 |
