

GUJARAT TECHNOLOGICAL UNIVERSITY
BE- SEMESTER– 1st/ 2nd • EXAMINATION – SUMMER 2018

Subject Code: ENG003**Date: 25/05/2018****Subject Name: Ecology & Environment****Time: 02.30 PM to 05.00 PM****Total Marks: 70****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) Define Environment and briefly explain the components of environment. | 07 |
| | (b) Draw and Explain Nitrogen Cycle. | 07 |
| Q.2 | (a) Define Ecology and differentiate between Food Chain and Food Web. | 07 |
| | (b) Draw and Explain Hydrological Cycle. | 07 |
| Q.3 | (a) Define Air Pollution and briefly explain Sources of the Air Pollution. | 07 |
| | (b) Write a Short note on Green House effect. | 07 |
| Q.4 | (a) What is Noise? How is it harmful to environment? | 07 |
| | (b) Write a Short note on Ozone Depletion | 07 |
| Q.5 | (a) What are the problems caused due to over population? Explain them in detail. | 07 |
| | (b) What are the major causes and consequences of deforestation? | 07 |
| Q.6 | (a) Enlist the Population theories and explain any one. | 07 |
| | (b) Why is Environmental education essential? What is relationship between Man and Environment? Do you think that man has protected environment? | 07 |
| Q.7 | (a) Write a note on Eutrophication. | 07 |
| | (b) Discuss the conventional and non conventional energy resources with their impact on environment | 07 |
