Exam Seat No: _____

____ C.U.SHAH UNIVERSITY Winter Examination-2018

Subject Name: Environment and Ecology I

| | Subject (| Code: 4PS02EAE1 | Branch: B.Pharm | |
|-----|----------------|------------------------|----------------------|-----------|
| | Semester | | Time: 02:30 To 05:30 | Marks: 70 |
| | (2) I (3) I | | | bited. |
| Q-1 | | | | (14) |
| | -) | Define Following: | | 01 |
| | a) b) | Environment Ecology | | 01 01 |
| | c) | Ecosystem | | 01 |
| | d) | Biotic | | 01 |
| | e) | Abiotic | | 01 |
| | C) f) | Producer | | 01 |
| | g) | Consumer | | 01 |
| | b) | Decomposer | | 01 |
| | i) | Topical | | 01 |
| | j) | Terrestrial | | 01 |
| | k) | Natural resources | | 01 |
| | l) | Pollution | | 01 |
| | m) | Desert | | 01 |
| | n) | Forest | | 01 |

Attempt any four questions from Q-2 to Q-8

| Q-2 | Attempt all questions | | (14) |
|-----|-----------------------|---|------|
| - | a) | Explain various layers of biosphere. | 07 |
| | b) | Define Biogeochemical cycle. Explain Hydrological cycle and Nitrogen cycle. | |
| Q-3 | | Attempt all questions | (14) |
| - | a) | Write a note on aquatic ecosystem | 07 |
| | b) | Explain in details with example food chain and food web | 07 |
| | | Page 1 2 | |



| | Attempt all questions | (14) |
|----|--|---|
| a) | Classify renewable and non renewable energy resources. Explain any one renewable energy resources | 07 |
| b) | Discuss various problems associated with natural resources. | 07 |
| | Attempt all questions | (14) |
| a) | Write Causes, effects and control measures of Water pollution. | 07 |
| b) | Explain various types of air pollutants. | 07 |
| | Attempt all questions | (14) |
| a) | What are the aims and objectives and policies for conservation of environment? | 07 |
| b) | Write a note on conservation of Wildlife. | 07 |
| | Attempt all questions | (14) |
| a) | | 07 |
| b) | What is population growth? Explain the measures to control population growth. | 07 |
| | Attempt all questions | (14) |
| a) | | 07 |
| b) | Explain Ecological succession. | 07 |
| | b) a) b) a) b) a) b) a) b) | a) Classify renewable and non renewable energy resources. Explain any one renewable energy resources. b) Discuss various problems associated with natural resources. Attempt all questions a) Write Causes, effects and control measures of Water pollution. b) Explain various types of air pollutants. Attempt all questions a) What are the aims and objectives and policies for conservation of environment? b) Write a note on conservation of Wildlife. Attempt all questions a) Explain relationship between various components of environment. b) What is population growth? Explain the measures to control population growth. Attempt all questions a) Write scope and importance of environmental studies. |

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