



# C.U.SHAH UNIVERSITY

SUMMER EXAMINATION 2015

Total Marks :70

**Branch:** Pharmacy  
**Subject Code :**4PS02EAE1

**Semester:** B. Pharm II Semester  
**Subject:** Environment & Ecology

- Q.1
- Define biotic and abiotic component of environment
  - Write scope of environmental studies.
  - Write any four objectives of ecological studies.
  - Define Autecology and Synecology.
- (14)

**Attempts Any Fours**

- Q.2
- Write notes on Renewable and non-renewable energy resources. (7)
  - Write the name of modal of energy flow in ecosystem and explain Y shape or double channel energy flow model. (7)
- Q.3
- Define Biogeochemical cycle. Explain Carbon cycle and Nitrogen cycle. (7)
  - Write in details with example food chain and food web. (7)
- Q.4
- Write the name of different type of forest in India. Explain about Grass land ecosystem and pond ecosystem. (7)
  - Give Significant details about marine ecosystem. (7)
- Q.5
- Write the effect of Population explosion. (7)
  - Explain Ecological succession. (7)
- Q.6
- Explain the things which are responsible for control of population growth. (7)
  - Classify uses of water and explain about partial consumptive water. (7)
- Q.7
- Write Causes, effects and control measures of: Air pollution. (7)
  - Give in details account on land degradation and its causes. (7)
- Q.8
- Write Causes, effects and control measures of: acid rain and thermal pollution. (7)
  - Write aims, objectives and policies of conservation of wildlife and forests. (7)