

Code No: RA 07A3EC11

RA

**III B.Tech I Semester(R07) Supplementary Examinations, May 2011**  
**ENVIRONMENTAL STUDIES**  
**(Electronics & Communication Engineering)**

Time: 3 hours

Max Marks: 80

**Answer any FIVE Questions**  
**All Questions carry equal marks**

\*\*\*\*\*

1. (a) State the interrelationship of hydrosphere with the other components of the environment.  
 (b) Discuss in detail about the different layers of the atmosphere. [8+8]
2. (a) Discuss the major uses of forests. How would you justify that ecological uses of forests surpass commercial uses?  
 (b) What are the major species found in:
  - i. Tropical forests
  - ii. Deciduous and Evergreen forests
  - iii. Coniferous forests. [8+8]
3. (a) What steps can be taken to conserve grasslands and what are the common reasons for destruction of these ecosystem?  
 (b) Briefly write about the different kinds of grasslands in India, also stating the main activities in such areas. [8+8]
4. (a) Explain the efforts taken towards conservation of biodiversity in India.  
 (b) Is biotechnology a threat to biodiversity? Substantiate your answer with examples. [8+8]
5. (a) Describe the 'Classification of air pollutants'.  
 (b) Explain the importance of control of air pollution in the preservation and protection of environment. [8+8]
6. (a) Explain the Role of a citizen in protecting environment from various calamities.  
 (b) Discuss the significance of Environmental Management and Environmental Audit. [8+8]
7. Discuss any FOUR of the following:
  - (a) 'Environmental education is a synonym of value education'
  - (b) 'Technology owes ecology an apology'
  - (c) Man is the wildest of all animals; Man is the pest of the planet.
  - (d) Life after 100 years
  - (e) Extinction of mankind. [16]
8. (a) Explain the environmental value of a hill/mountain you visited recently?  
 (b) Prepare a detailed report on its environmental uniqueness? Give suggestions for improvement so that it becomes world's greatest ecotourism project. [8+8]

\*\*\*\*\*