

Code No: P21011

**R10**

**RA**

**II B. Tech I Semester Regular Examinations Nov – 2012**

**ENVIRONMENTAL STUDIES**

(Com. to CE, EEE, ME, CSE, ECE, EIE, IT)

Time: 3 hours

Max. Marks: 75

Answer any **FIVE** Questions  
All Questions carry **Equal** Marks

1. a) Explain the multidisciplinary nature of Environmental Studies?  
b) What are the effects of modern agriculture?
2. a) Explain about various forest resources.  
b) What are the causes and effects of deforestation?
3. a) Give the structure and function of the following ecosystems:  
i) Aquatic ecosystem  
ii) Desert Ecosystem.  
b) Explain the concept of ecosystem with respect to our country.
4. a) How do you explain biodiversity at global, national and local levels?  
b) Discuss In-Situ and Ex-Situ conservation measures of biodiversity with suitable examples.
5. Discuss the phenomenon of global warming along with its sources, effects and control measures.
6. a) Discuss the concept of sustainable development.  
b) What are the major obstacles in the path of sustainable development in India?
7. a) What are the various reasons for increase in population in India?  
b) Suggest suitable measures for population control and discuss the merits of population control.
8. Write short notes on:  
a) Environment and human health  
b) Population explain  
c) Pond ecosystem