

**Subject Code: R10106/R10**

**Set No - 1**

**I B.Tech I Semester Supplementary Examinations May/June - 2016**

**ENVIRONMENTAL STUDIES**

(Common to ECE, IT, ME, Chem, BME, EComE, PCE & MM)

**Time: 3 hours**

**Max. Marks: 75**

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

**\* \* \* \* \***

1. Explain the different areas of environmental conservation to which people belonging to different disciplines can contribute. [15]
2. (a) Discuss the uses and exploitation of forest resources. [8+7]  
(b) Write about the consequences of deforestation.
3. (a) Explain the term 'energy cycle' and how the organisms in the ecosystem are dependent on it. [8+7]  
(b) What is ecological succession? What are the different stages of development of an ecosystem?
4. (a) Enumerate some of the common plant species found in India and write in detail on any five of them. [10+5]  
(b) Write about Ex-Situ conservation of biodiversity.
5. Describe the Sources, Effects and Methods of control of the following: [8+7]  
(a) Water pollution  
(b) Noise Pollution
6. (a) What are the major issues associated with resettlement and rehabilitation? [8+7]  
(b) Bring out the main elements of water conservation
7. (a) Write a note on the Family Welfare programme in India. [8+7]  
(b) What measures can be implemented to limit the growth of the population by government and the community?
8. (a) Describe how you would methodically record the elements and resources in an ecosystem and assess its functioning. [8+7]  
(b) Write about your observations and main conclusions about any ecosystem which you have studied (e.g: forest, sea shore, farmlands, hilly area etc.)

**\*\*\*\*\***

