

**Subject Code: R13106/R13****Set No - 1****I B. Tech I Semester Supplementary Examinations May/June - 2016****ENVIRONMENTAL STUDIES****(Common to CE, ME, CSE, PCE, IT, ChemE, AeroE, AME, MinE, PE, MetalE, Textile Engg.)****Time: 3 hours****Max. Marks: 70**

Question Paper Consists of **Part-A** and **Part-B**  
Answering the question in **Part-A** is Compulsory,  
Three Questions should be answered from **Part-B**

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**PART-A**

1. (a) Write about ecological succession.  
(b) What is the role of an individual in conserving the natural resources?  
(c) Define biodiversity.  
(d) Write the classification of solid waste.  
(e) Write about the plans of AP government in implementing rain water harvesting.  
(f) Write about ecotourism and environmental audit.

[4+4+3+4+4+3]

**PART-B**

2. (a) Define environment. Write about global warming and climate changes.  
(b) Write about energy flow in ecosystem. [8+8]
3. (a) What are the changes caused by non-agricultural activities?  
(c) Write about use and over utilization of ground water. [8+8]
4. (a) What are different threats to bio diversity?  
(b) Write about endemic and endangered species. [8+8]
5. Write about causes, effects and control measures of water pollution. [16]
6. What are different acts and explain about any one act in detail. [16]
7. Define EIA and discuss the various stages of EIA. [16]

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