

MODEL PAPER**Subject Code: R161108/R16****Set No - 1****I B. Tech I Semester Regular Examinations Nov. - 2016****ENVIRONMENTAL STUDIES****(Common to Agri E, AME, BioTech, ChemE, CE, EEE, ME, MetalE, MinE, PCE, PE, AeroE)****Time: 3 hours****Max. Marks: 70**

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

PART-A

1. (a) Define the term 'ecosystem'.
(b) How are the world's natural resources classified?
(c) Give any two significance of conservation of biodiversity.
(d) What are the effects of ultraviolet radiations on human?
(e) What is watershed management?
(f) Write about Environmental audit.
(g) What are the objectives of Wild Life Protection Act 1972?

[7 x 2 = 14]

PART -B

2. (a) Discuss the role of information technology in environment and human health.
(b) Give the salient features of a pond ecosystem. [7+7]
3. (a) Give an account of non renewable energy resources.
(b) Explain the value of minerals as natural resources. [7+7]
4. (a) Describe the ecological significance of biodiversity.
(b) How is diversity at all levels generally conserved? [7+7]
5. (a) What are the main causes of water pollution? How can water pollution be controlled?
(b) Give an account of environmental disasters and their management. [7+7]
6. (a) How does ozone layer protect us?
(b) Write about Air (Prevention and control of pollution) Act . [7+7]
7. (a) What are the steps involved in EIA?
(b) Write a field report on a visit to a polluted river. [7+7]
