

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]
