

Code No: R161108

**R16****SET - 1****I B. Tech I Semester Supplementary Examinations, May - 2018****ENVIRONMENTAL STUDIES**

(Com. to CE,EEE,ME,Agri E, Auto E,Bio-Tech,Chem E,Metal E,Min E,PChem E,PE,Aero E)

Time: 3 hours

Max. Marks: 70

Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B**)2. Answering the question in **Part-A** Compulsory3. Answer any **FOUR** Questions from **Part-B****PART -A**

1. a) Write about carbon credits. (2M)
- b) Write about equitable use of resources for sustainable lifestyles. (2M)
- c) What is ecosystem biodiversity? (2M)
- d) What is the impact of Fire Crackers on human beings? (2M)
- e) What is rain water harvesting? (2M)
- f) What is ecotourism? (2M)
- g) Write about food chain and food web. (2M)

**PART -B**

2. a) Explain the scope and importance of environmental studies. (7M)
- b) Write about structure and function of ecosystem. (7M)
3. a) Discuss the over utilization of ground water, floods and drought. (10M)
- b) Explain the effects of modern agriculture. (4M)
4. a) What are the threats to biodiversity and habitat loss? (7M)
- b) Write about the endangered and endemic species of India. (7M)
5. a) What are the causes, effects and control measures of Air pollution? (7M)
- b) Describe the effects of e-waste and its control. (7M)
6. a) Discuss the environmental protection act with reference to its implementation and problems. (7M)
- b) What are environmental ethics? Explain how public can be made aware of these. (7M)
7. a) Write about various stages of EIA. (7M)
- b) Explain the concept of environment friendly green campus. (7M)