

**I B. Tech I Semester Supplementary Examinations, May/June - 2019**  
**ENVIRONMENTAL STUDIES**

(Com. to CE, ME, CSE, PCE, IT, Chem E, Aero E, AME, Min E, PE, Metal E, Textile Engg)

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** is Compulsory

3. Answer any **THREE** Questions from **Part-B**

**PART -A**

1. a) Write about sustainability. (3M)
- b) What is the significance of the following dates in Environmental calendar: 5<sup>th</sup> June, 7<sup>th</sup> April; 16<sup>th</sup> September and 16<sup>th</sup> October? (4M)
- c) What is ecological foot print? (4M)
- d) Explain water logging and salinity. (4M)
- e) Write the values of biodiversity. (4M)
- f) Explain about environmental ethics. (3M)

**PART -B**

2. a) List out any four infrastructure development projects and explain how they will effect environment? (10M)
- b) Explain ecological succession with examples. (6M)
3. a) Discuss the exploitation and use of mineral resources and their effect on environment. (10M)
- b) What are fossil fuels and why they are non-renewable? (6M)
4. a) Discuss the role of students in swatch Bharath programme. (10M)
- b) Explain the main sources of marine and coastal pollution. (6M)
5. a) What is a water shed? Discuss the objectives and practices of watershed management. (8M)
- b) Explain how soil gets polluted and suggest measures to prevent soli pollution. (8M)
6. Write explanatory note on (16M)  
 (i) Air act (ii) Water act (iii) Problems involved in enforcement of acts.
7. a) Explain environmental audit and ecotourism. (6M)
- b) Write a detailed report on the study of an industrially polluted site in the prescribed format. (10M)