

**I B. Tech I Semester Supplementary Examinations, July/August- 2021****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** is Compulsory  
3. Answer any **FOUR** Questions from **Part-B**
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**PART -A**

1. a) What is Ecological succession? (2M)
- b) Explain about Wasteland reclamation. (2M)
- c) What is habitat loss? (2M)
- d) What are Nuclear hazards? (2M)
- e) What are Social Issues? (2M)
- f) Write on rain water harvesting. (2M)
- g) Write about Green business. (2M)

**PART -B**

2. a) Describe the prescribed format for recording the features of any ecosystem you have studied during field visit. (7M)
- b) Explain any one ecosystem in the above format. (7M)
3. a) Define what is forest community? Explain the direct and indirect benefits from forests. (7M)
- b) What are the different types of aquatic ecosystems? Write briefly about each. (7M)
4. a) Explain about Conservation of biodiversity. (7M)
- b) Explain about Threats to biodiversity. (7M)
5. a) Write about the case study of water pollution that you have visited recently. (7M)
- b) Explain the Role of an individual in prevention of pollution. (7M)
6. a) List out the actions that could serve as solutions to the problem of deforestation (7M)
- b) Mention the causes and effects of soil erosion. (7M)
7. Describe the systematic approach for the study of environmental impact assessment of any project. Explain one case study on EIA in Industries. (14M)