

I B. Tech I Semester Supplementary Examinations, April - 2022
ENVIRONMENTAL STUDIES

(Com. to Agri E, Auto E, Bio-Tech, Chem. E, CE, EEE, ME, Metal E, Min E, PChem E, PE, Aero E)
Time: 3 hours Max. Marks: 70

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- 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 Carbon Credits. [2M]
- b) Write briefly about the Use and over utilization of surface and groundwater. [2M]
- c) Write briefly about Threats to biodiversity. [2M]
- d) Define biodiversity. [2M]
- e) Write the Urban problems related to energy. [2M]
- f) What are the important steps in EIA. [2M]
- g) Write on Environmental Management. [2M]

PART -B

2. a) Define ecosystem and list components of an ecosystem. (7M)
- b) Briefly explain the manner in which ecosystems are destroyed by human activities. (7M)
3. a) What are the actions that could serve as solutions to the problem of deforestation? (7M)
- b) List the causes and effects of soil erosion. (7M)
4. a) Write on Conservation of biodiversity. (7M)
- b) Discuss about ecosystem diversity. (7M)
5. Explain the causes and effects of air pollution by describing any urban or industrial area that you have studied. (14M)
6. a) Explain the Prevention and control of Pollution. (7M)
- b) Explain the Issues involved in enforcement of environmental legislation. (7M)
7. a) Explain about the Impact Assessment and its significance various stages of EIA. (7M)
- b) Discuss about Ecotourism. (7M)