

I B. Tech I Semester Supplementary Examinations, August/Sep - 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

- 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) Write about Global warming? (2M)
- b) Write on World food problems. (2M)
- c) Write about species and ecosystem? (2M)
- d) Write on rain water harvesting. (2M)
- e) What are Solid Waste. (2M)
- f) Explain the preparation of EMP and EIS? (2M)
- g) Write on climate change. (2M)

PART -B

2. a) Write a detailed note on the forest ecosystem, bringing out its functions. (7M)
- b) How do forests get degraded and what is the outcome of deforestation. (7M)
3. a) Explain the Role of an individual in conservation of natural resources. (7M)
- b) Explain the Equitable use of resources for sustainable lifestyles. (7M)
4. a) Write briefly about the different types of diversity in ecosystems. (7M)
- b) Explain what value of biodiversity is and what are the different types of values of biodiversity? (7M)
5. a) List the major Pollution control Acts in India. (7M)
- b) Discuss the role and activities of Central Pollution Control Board (CPCB). (7M)
6. What are the global effects of air pollution? Discuss briefly the sources, effects and control methods. (14M)
7. a) Write a note on the importance of education on environmental issues and concerns. (7M)
- b) Explain the Case study and preparation of Environmental Impact assessment (7M)