

**I B. Tech II Semester Supplementary Examinations, January/February - 2023****ENVIRONMENTAL STUDIES**

(Common to CSE, IT, EIE, ECE, E.Com E)

Time: 3 hours

Max. Marks: 70

*Note: 1. Question Paper consists of two parts (Part-A and Part-B)*

*2. Answer ALL the question in Part-A*

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

**PART –A (14 Marks)**

1. a) Explain the salient features of Rio summit. [2M]
- b) Write few Environmental effects of mining. [2M]
- c) What do you mean by hot spots of biodiversity? [2M]
- d) Differentiate recycling from reusing. [2M]
- e) What are primary and secondary air pollutants? [2M]
- f) How water is conserved in urban areas? [2M]
- g) What is Environmental Audit? [2M]

**PART –B (56 Marks)**

2. a) Define environmental studies. How can it be an inter-disciplinary subject? [7M]
- b) Explain the terms food chains, food webs and ecological pyramids. [7M]
3. a) What is the role of an individual in conservation of natural resources? Explain. [7M]
- b) What are the uses of forests and explain the causes and consequences of deforestation? [7M]
4. a) Discuss the conservation of biodiversity. [7M]
- b) Explain with an example how biodiversity is threatened by human beings. [7M]
5. a) What are the sources of soil pollution? How soil pollution affects productivity? [7M]  
Mention measures to prevent soil pollution.
- b) Discuss about the major Nuclear hazards around the world in the last two decades. [7M]
6. a) Write short notes on Environmental Protection Act. [7M]
- b) Explain about Rain water harvesting and watershed management. [7M]
7. a) Discuss the various stages in the preparation of EMP. [7M]
- b) Explain the concept of green campus with the self-sustaining environment Friendly aspects. [7M]

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