

I B. Tech I Semester Supplementary Examinations, November - 2020**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

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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) Explain ozone layer depletion. (2M)
- b) Write about Timber extraction. (2M)
- c) What is Biodiversity? (2M)
- d) What is Water pollution? (2M)
- e) Briefly write about Public awareness of Environment. (2M)
- f) Write on Wildlife Protection Act. (2M)
- g) Write about Ecotourism. (2M)

PART -B

2. a) Bring out the importance of information technology in human health. (7M)
- b) What is 'J-Curve'? Explain the importance population growth. (7M)
3. a) Briefly discuss droughts and floods with respect to their occurrence and impact. (10M)
- b) Explain the concept of an eco system. (4M)
4. Write detailed notes on: (14M)
(a) Hotspots of biodiversity.
(b) Endemic and endangered species
5. Explain the effects and control measures of urban and industrial solid wastes. (14M)
6. What is watershed? Explain why watershed management solves the problem of depletion of the ground water table and other related Environmental Problem? (14M)
7. a) Discuss about different elements of EIA in relation to the Project Cycle. (7M)
- b) List out the steps involved in EMP and EIS. (7M)