

Code No: R13106

R13**SET - 1****I B. Tech I Semester Supplementary Examinations, May - 2018****ENVIRONMENTAL STUDIES**

(Com. to CE, ME, CSE, PCE, IT, Chem E, Aero E, AME, Min E, PE, Metal E, Textile Engg)

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 **THREE** Questions from **Part-B**
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PART -A

1. a) What is ecological succession? (3M)
- b) What is water logging and salinity? (4M)
- c) Mention the different values of biodiversity. (3M)
- d) Discuss about wild life protection act. (4M)
- e) Write about environmental ethics (4M)
- f) What is ecotourism? (4M)

PART -B

2. a) Name the biotic and abiotic components of an ecosystem. (8M)
- b) What are the various goods and services provided by a forest ecosystem? Describe various threats to our forests. (8M)
3. a) Why nuclear energy is considered as alternate source of energy? (8M)
- b) Write about soil erosion and desertification. (8M)
4. a) Define bio diversity. Why is it important to conserve biodiversity? (8M)
- b) What are endangered and endemic species? (8M)
5. a) What are the causes and effects of the pollution of river? Suggest the measures for control of pollution in the river. (8M)
- b) What are the effects and control measures of urban and industrial solid wastes? (8M)
6. a) Why is resettlement and rehabilitation of people affected by mining and dam projects a major challenge in India? (8M)
- b) Write about Environmental Protection act. (8M)
7. a) What are the various stages of EIA? (8M)
- b) Give detailed report on pollution in Delhi. (8M)