

Code No: RT21043

**R13****SET - 1****II B. Tech I Semester Supplementary Examinations, May/June - 2017****ENVIRONMENTAL STUDIES**

(Com. to ECE, EIE, ECC)

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) Define acid rain, give its effects. (4M)
- b) Give brief note on wasteland reclamation. (4M)
- c) Describe the importance of biodiversity and its conservation. (4M)
- d) Explain nuclear hazards. (4M)
- e) List out the problems of resettlement and rehabilitation of people. (3M)
- f) What is EIA? (3M)

**PART -B**

2. a) Explain the multidisciplinary nature of environmental studies. (8M)
- b) Write abiotic, biotic components of the environment and ecological pyramids with a neat sketch. (8M)
3. a) Write commercial and ecological uses of forest resources. (8M)
- b) What is the role of an individual in conservation of natural resources. (8M)
4. a) India is a mega-diversity nation. Explain (8M)
- b) What are threats to biodiversity? (8M)
5. a) Write the causes and effects of urban solid waste. How "3R" strategy is useful for the management of solid waste? (8M)
- b) Define water pollution and explain causes, effects and control measures of air pollution (8M)
6. a) Describe wildlife protection act in detail. (8M)
- b) Give brief note on environmental ethics; issues and possible solutions. (8M)
7. a) Explain Objectives and Scope of Environmental Audit. (8M)
- b) Describe evolution of EIA in India. (8M)