

Code No: RT21043

**R13****SET - 1****II B. Tech I Semester Supplementary Examinations, Oct/Nov- 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) What are the environmental issues due to population explosion? (4M)
- b) Write the purposes of searching renewable resources for our future energy demand. (4M)
- c) What is ecosystem diversity? (4M)
- d) Describe the sources of nuclear pollution (4M)
- e) Explain Resettlement and Rehabilitation of people with example. (3M)
- f) Broad Categories EIA studies. (3M)

**PART -B**

2. a) Describe the cause, effects and control measures of global warming. (8M)
- b) Write a short note on aquatic ecosystems. (8M)
3. a) Narrate the world food problem and related environmental issues. (8M)
- b) How mining causes an impact on environment and human health? (8M)
4. a) Describe the different problems due to man-wildlife conflicts. (8M)
- b) Explain India is a mega Biodiversity nation. (8M)
5. a) Define Soil pollution and explain causes, effects and control measures of air pollution (8M)
- b) Explain any four important control measures of urban and industrial solid waste. (8M)
6. a) Give brief note on urban problems related to energy. (8M)
- b) Explain environmental protection act and what are the issues involved in enforcement of environmental legislation. (8M)
7. a) What are the main elements of Environmental Audit? (8M)
- b) What is impact assessment and its significance. (8M)