

Code No: RT22021

R13**SET - 1****II B. Tech II Semester Supplementary Examinations, April-2018****ENVIRONMENTAL STUDIES**

(Electrical and Electronics Engineering)

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**
~~~~~**PART -A**

- |       |                                                                   |    |
|-------|-------------------------------------------------------------------|----|
| 1. a) | Write about different environmentalists.                          | 4M |
| b)    | What are the food problems caused by non agricultural activities? | 4M |
| c)    | Write about the classification of biodiversity.                   | 3M |
| d)    | Write about nuclear hazards.                                      | 3M |
| e)    | Why public awareness is required on environmental acts.           | 4M |
| f)    | Write about ecotourism.                                           | 4M |

**PART -B**

- |       |                                                                        |     |
|-------|------------------------------------------------------------------------|-----|
| 2. a) | Write about global environmental challenges and climate change.        | 8M  |
| b)    | Write the structure and function of an ecosystem.                      | 8M  |
| 3. a) | Write about floods and droughts.                                       | 8M  |
| b)    | What is the role of an individual in conservation of natural resources | 8M  |
| 4. a) | What are the values of biodiversity?                                   | 8M  |
| b)    | Write about endangered and endemic species.                            | 8M  |
| 5.    | Write about causes, effects and control measures of water pollution    | 16M |
| 6. a) | What are the problems related to resettlement and rehabilitation?      | 10M |
| b)    | Mention the different acts.                                            | 6M  |
| 7. a) | What are the various stages of EIA?                                    | 8M  |
| b)    | Write a report on a visit to polluted area.                            | 8M  |