

Code No: R13106

R13**SET - 1****I B. Tech I Semester Supplementary Examinations, Nov/Dec. - 2017****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) Write about desert ecosystem. (4M)
- b) Write about sustainable development. (3M)
- c) State two major threats to biodiversity. (3M)
- d) What are the reasons for increased air pollution in Delhi? (4M)
- e) What is rain water harvesting? (4M)
- f) Write about environmental audit. (4M)

**PART -B**

2. a) Discuss the multidisciplinary nature of environmental studies. Give a suitable example how an environmental problem can be resolved with multi disciplinary approach? (8M)
- b) Define food chain and food web. Depict a food web with the help of a schematic diagram. (8M)
3. a) Write about food resources. (8M)
- b) What are the differences between renewable and non renewable energy resources? (8M)
4. a) Do the various environmental legislations lead to human-wild life conflict in India? Discuss. (8M)
- b) Discuss about bio diversity at National and Global level. (8M)
5. a) What are the causes, effects and control measures of the noise pollution? (8M)
- b) What is the role of an individual in controlling the pollution? (8M)
6. a) Write about Forest Conservation act. (8M)
- b) Why public awareness is required on different environmental acts? (8M)
7. a) Write about EMP and EIS (8M)
- b) Give detailed report on pollution of river Ganga. (8M)