

Code No: R161212

R16**SET - 1****I B. Tech II Semester Supplementary Examinations, Nov/Dec - 2017****ENVIRONMENTAL STUDIES**

(Com. to CSE,IT,EIE,ECE, ECom E)

Time: 3 hours

Max. Marks: 70

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- Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B**)
2. Answer **ALL** the question in **Part-A**
3. Answer any **FOUR** Questions from **Part-B**
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PART -A

1. (a) Mention any two awareness programme of environmental issues to student. (2M)
- (b) Classify energy resources. (2M)
- (c) Define sustainable mining of River Sand. (2M)
- (d) Define bio diversity. (2M)
- (e) Write briefly on Urban problems related to energy. (2M)
- (f) Explain Forest Conservation Act. (2M)
- (g) What is EMP EIS? (2M)

PART -B

2. (a) Define ecosystem and list components of an ecosystem. (6M)
- (b) Briefly explain the manner in which ecosystems are destroyed by human activities. (8M)
3. (a) Explain about Threats to biodiversity. (6M)
- (b) Explain about Conservation of biodiversity. (8M)
4. (a) Distinguish between the endemic and endangered species. (7M)
- (b) Discuss the different threats to biodiversity. (7M)
5. Describe the Sources, Effects and Methods of control of the following: (14M)
(a) Water pollution
(b) Noise Pollution.
6. (a) Explain the Role of a citizen in protecting environment from various calamities. (7M)
- (b) Discuss the significance of Environmental Management and Environmental Audit. (7M)
7. (a) Explain the need for students from all courses to be aware of environmental issues. (7M)
- (b) Write briefly about Green Campus and green business. (7M)