

Code No: RA13206

R13**RA****I B. Tech II Semester Supplementary Examinations, April/May - 2018****ENVIRONMENTAL STUDIES**

Time: 3 hours

(Information Technology)

Max. Marks: 70

Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B**)
2. Answering the question in **Part-A** is Compulsory
3. Answer any **THREE** Questions from **Part-B**

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**PART -A**

1. a) Explain Sustainability. (3M)
- b) Discuss Energy flow in ecosystem. (5M)
- c) Write about soil erosion and desertification. (4M)
- d) What are Hot-Spots of Biodiversity? (4M)
- e) Explain how consumerism creates waste products. (3M)
- f) What is Environmental Audit? (3M)

**PART -B**

2. a) Describe global Environmental challenge and explain the role of stock home and Rio Summit conference in addressing the issues. (10M)
- b) Explain the role of I.T in Environment and human health. (6M)
3. a) Define conservation of biodiversity. Explain various methods of conservation of biodiversity. (8M)
- b) What are the sources of urban solid waste? Describe how to manage solid waste. (8M)
4. Write explanatory notes on
  - (i) Forest conservation Act. (5M)
  - (ii) Water (Prevention and control of pollution) Act. (6M)
  - (iii) Wild life protection Act. (5M)
5. a) Discuss the issues involved in enforcement of Environmental legislation. (8M)
- b) Explain rain water harvesting. (8M)
6. a) Write about the role of voluntary origination in creating awareness in public about environment. (8M)
- b) What is importance of assessment of various stage of EIA? (8M)
7. a) Discuss the preparation of EMP and EIS. (6M)
- b) Write a report on any issue related to environment, which you have studied during the field visit in the course of your study. (10M)