

**I/IV B.Tech. (Supple). DEGREE EXAMINATIONS, APRIL/MAY- 2016**

**First Semester**

**BT/CSE/ECE/EEE**

**ENVIRONMENTAL SCIENCE & ENGINEERING**

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**Time: Three Hours**

**Maximum marks:60**

**Answer Question No.1 Compulsory**

**12X1=12 M**

**Answer ONE question from each Unit**

**4X12=48 M**

1. Answer the following:
  - a. Composting
  - b. Cloud seeding
  - c. NM-renewable energy sources
  - d. Noise pollution
  - e. Types of forests
  - f. Effects of salinity
  - g. Soil erosion
  - h. Endangered species
  - i. EIA
  - j. Acid rain
  - k. Salinity
  - l. Effects of mining

**UNIT-I**

2.
  - a. What is the role of environmental engineering in technological development of the country?
  - b. Explain the effects of modern agriculture on land resources.

**(OR)**

3.
  - a. Explain about the environmental effects of non renewable and renewable energy sources.
  - b. Explain with a neat sketch about the hydrological cycle.

**UNIT-II**

4. Explain about the following
  - a. Control measures of air pollution
  - b. Conservation of biodiversity.

**P.T.O**

**(OR)**

5. Explain about the following
- India-a mega diversity nation
  - Solid waste management

**UNIT-III**

6. Discuss the following
- Rain water Harvesting
  - Global warming

**(OR)**

7. Discuss the following
- Environmental Impact Assesment (EIA)
  - Ozone layer depletion.

**UNIT-IV**

8. a. Explain about Environmental protection act.  
b. Explain about Narmada Bachao andolan.

**(OR)**

9. a. Forest conservation act. Discuss.  
b. Madhure Refinery and Thajmahal-discuss.



**I/IV B. Tech. DEGREE EXAMINATIONS, DECEMBER - 2016**

**First Semester**

**BT / CSE / ECE / EEE**

**ENVIRONMENTAL SCIENCE & ENGINEERING**

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Time : **Three Hours**

Maximum Marks : **60**

**Answer Question No. 1 Compulsory.**

**12x1=12 M**

**Answer ONE question from each Unit.**

**4x12=48 M**

1. Write a short notes on
  - a) Deforestation.
  - b) Florosis.
  - c) Bio-diversity.
  - d) Global warming.
  - e) Noise pollution.
  - f) Desert ecosystem.
  - g) Carbon cycle.
  - h) Disadvantages of Dams.
  - i) Rain water Harvesting.
  - j) Noise levels at Hospitals.
  - k) Earth summit 1992.
  - l) SPM.

**UNIT - I**

2. a) What are Renewable and non-Renewable sources ?  
b) Explain about the multipurpose dams.

(OR)

3. a) With a neat diagram, explain about Nitrogen cycle.  
b) Explain the structure and functions of an Ecosystem.

**P.T.O.**

**UNIT - II**

4. a) Explain in detail about the threats to bio-diversity.  
b) What is noise pollution ? Discuss the effects.

(OR)

5. a) Explain India as a mega-diversity Nation.  
b) What are the effects of Thermal pollution.

**UNIT - III**

6. a) What is Rain Water Harvesting ? Explain.  
b) Discuss the effects of Ozone layer Depletion.

(OR)

7. a) What is water shed management.  
b) What is Environmental Impact Assessment (EIA).

**UNIT - IV**

8. Explain about the following :  
a) Narmada Bachao Andolan.  
b) Chipko movement.

(OR)

9. a) What is Environmental Protection Act ? Explain.  
b) Explain Stockholm Conference 1972.

