

I/IV B. TECH. DEGREE EXAMINATIONS, NOV / DEC - 2015

First Semester

BT / CSE / ECE / EEE

ENVIRONMENTAL SCIENCE & ENGINEERING

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) Deforestation.
- b) Types of forests.
- c) Global warming.
- d) EIA.
- e) Noise pollution.
- f) Carbon cycle.
- g) Wildlife protection act.
- h) Desert ecosystem.
- i) Disadvantages of Dams.
- j) Rain water harvesting.
- k) Florosis.
- l) Earth summit 1992.

UNIT - I

2. a) What are the uses of forests in technological development of the country.
- b) What is a multipurpose dam, explain.

(OR)

3. a) With a neat diagram explain about Nitrogen cycle.
- b) Explain about various energy sources.

UNIT - II

4. a) Explain about bio-geological classification of India.
- b) What are the causes of Air Pollution, explain with examples.

(OR)

5. a) According to you how the bio-diversity in India can be conserved.
- b) What are the effects of thermal pollution.

UNIT - III

6. a) What is Green revolution, explain.
- b) Discuss about the effects of Ozone layer depletion.

(OR)

7. a) What is watershed management.
- b) How the solid waste can be management.

UNIT - IV

8. Explain about the following.
 - a) Stock holm conference 1972.
 - b) Chipko movement.

(OR)

9. a) What is environmental protection act, explain.
- b) Explain about the Bhopal gas tragedy.

