

Code: CSIT4, CEIT4, MEIT4, EEIT4, CE2T7RS, EE2T4RS

I B.Tech - I Semester – Regular Examinations – November 2015

ENVIRONMENTAL STUDIES
(Common for CSE, CE, ME, EEE)

Duration: 3 hours

Max. Marks: 70

PART – A

Answer *all* the questions. All questions carry equal marks

11x 2 = 22 M

1. a) Write a brief note on Land degradation.
- b) What is meant by environmental studies?
- c) What is mining?
- d) What is energy flow in ecosystem?
- e) What is biodiversity?
- f) How are earthquakes and cyclones formed?
- g) What is meant by solid waste management?
- h) What is meant by thermal pollution?
- i) How does ozone layer depletion occur?
- j) What is green house effect?
- k) What is meant by water shed management?

PART – B

Answer any **THREE** questions. All questions carry equal marks. 3 x 16 = 48 M

2. a) Give a brief note account on renewable and non renewable energy resources. 8 M

b) Write an account of forest resources. Discuss the impact of deforestation on Environment. 8 M

3. a) Write a brief note on structure and function of an Ecosystem. 8 M

b) Write notes on

i) Biodiversity in India. 4 M

ii) Current threats to our biodiversity 4 M

4. a) What are the water pollutants? Discuss their affect on human health. Mention some methods for controlling them. 8 M

b) Discuss the essential steps for a systematic solid waste management plan. 8 M

5. a) What is global warming? How is it caused? What are the effects of global Warming? 8 M

- b) Discuss the
- i) Environmental ethics. 3 M
 - ii) Various precautions to be taken to control HIV/AIDS. 5 M

6. a) Write notes on
- i) Wild life protection act. 4 M
 - ii) Discuss the salient features of Environmental protection act. 4 M

- b) Describe the different environmental assets you documented in your local Urban visit. 8 M