

Code: CE1T4/CE2T7RS, ME1T4, CS1T4, EE1T4/EE2T4RS

**I B.Tech - I Semester – Regular/Supplementary Examinations
November 2018**

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

Duration: 3 hours

Max. Marks: 70

PART – A

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

11 x 2 = 22 M

1.

- a) What is ecological succession?
- b) What is water logging?
- c) Mention the different values of biodiversity?
- d) What is ecotourism?
- e) What is biomagnification?
- f) What is blue baby syndrome?
- g) How to control air pollution?
- h) Write short notes on climate change?
- i) What is population explosion?
- j) What is EIS?
- k) Write about environmental protection Act.

PART B

Answer Any **THREE** the questions. All questions carry equal marks

3 x 16 = 48 M

2. a) Why nuclear energy is considered as alternate source of energy? 8 M
- b) Write about the impacts of mineral extraction? 8 M
3. a) Write about ecosystem functions and its regulation? 8 M
- b) What are the threats to biodiversity? Discuss in detail. 8 M
4. a) What are the causes and effects of river pollution? Suggest the measures to control river pollution. 8 M
- b) What are the effects and control measures of urban industrial solid wastes? 8 M
5. a) What are the green house gases and write about the causes and consequences of Global warming? 8 M
- b) Write about the role of IT in natural resources management? 8 M

6. a) Write about the various stages of EIA? 8 M
- b) Give detailed report on Air pollution in Delhi? 8 M