

Code No: R10106

R10

SET - 1

I B. Tech I Semester Supplementary Examinations, January - 2020

ENVIRONMENTAL STUDIES

(Com. to ME, ECE, IT, CHEM, BME, E Com E, PCE & MM)

Time: 3 hours

Max. Marks: 75

Answer any **FIVE** Questions
All Questions carry **Equal** Marks

1. Explain the different areas of environmental conservation to which people belonging to different disciplines can contribute. (15M)
2. a) What are the actions that could serve as solutions to the problem of deforestation? (7M)
b) List the causes and effects of soil erosion. (8M)
3. a) Explain the Concept of an ecosystem. (5M)
b) Discuss the Structure and function of an ecosystem. (10M)
4. a) Write a brief note on biodiversity and ecosystem diversity. (7M)
b) Explain the evolution of diverse species in an ecosystem. (8M)
5. List the types of hazardous wastes and their methods of disposal. write about the health risks associated with these, giving examples to illustrate your answer. (15M)
6. Explain briefly on (15M)
(a) Climate change,
(b) Global warming,
(c) Acid rain,
(d) Ozone layer depletion.
7. Write a note on the following: (15M)
(a) Nanotechnology
(b) Role of IT in Environment and Health.
8. Write a report on any polluted city you have visited. (15M)

