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FIRST SEMESTER

END SEMESTER EXAMINATION

EN-101 INTRODUCTION TO ENVIRONMENTAL SCIENCE

Time: 03 Hours

Roll No. 127

B.TECH. (B Gp)

NOV/DEC - 2015

Max. Marks: 50

Note: Attempt any five questions. All the questions carry equal marks.
Assume suitable missing data, if any

1. a) Define atmosphere. Describe the structure and composition of the atmosphere with suitable diagram.
b) Discuss the role of an individual to raise environmental awareness amongst people.
2. a) What are various renewable energy options? Explain why their use is important.
b) What is meant by sustainable development? Write briefly about the unequal consumption patterns of the developed and developing countries.
3. a) Define ecosystem. Write short note on Forest ecosystem and Grassland ecosystem.
b) What is Biodiversity? Explain in-situ and ex-situ conservation with suitable examples.
4. a) Describe causes, effects, and control measures of water pollution.
b) What is solid waste management? With the help of examples for each, explain the 3Rs principle of waste management.
5. a) What is ozone hole? Briefly explain the process, and adverse effects of ozone layer depletion.
b) How does climate change affect environment? Discuss.