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**LORDS INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
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Accredited by NBA | Accredited with 'A' grade by NAAC | Accredited by NABLCourse  
Code:  
U23CH102**B.E, I-SEM - PRE-FINAL EXAM****Environmental Sciences***(Common for CSE/CSD/CIVIL/MECH)*

Time: 3 Hours

Max. Marks: 60

Instructions to the Students:

- Question No. 1 is compulsory
- Answer any 4 questions from Q.No.2 -Q. No7

- Write the commercial and ecological uses of Forests. [2] CO1 BTL1
  - Define ecological pyramids with suitable examples. [2] CO2 BTL2
  - What are endangered species? Give examples. [2] CO3 BTL1
  - Discuss the effects of air pollution on living organisms. [2] CO4 BTL2
  - How is acid rain formed? [2] CO5 BTL2
  - Write a short note on watershed management. [2] CO5 BTL1
- Explain the use and over utilization of surface and ground water resources. [6] CO1 BTL2
  - Write a detailed explanation about soil erosion. [6] CO1 BTL2
- Explain in detail the structure and function of an ecosystem. [6] CO2 BTL2
  - What are decomposers? Give their mechanism of action with different examples. [6] CO2 BTL2
- Write a note on bio-geographical classification of India. [6] CO3 BTL3
  - Write about ex situ method of conservation of plants and animals [6] CO3 BTL3
- Explain the causes, effects and control measures of water pollution. [6] CO4 BTL2
  - Write the salient features of water act. [6] CO4 BTL1
- What is global warming? State the various effects and its control measures. [6] CO5 BTL2
  - Mention the objectives of rain water harvesting. [6] CO5 BTL1
- Write the advantages and disadvantages of Dams. [6] CO1 BTL1
  - Elaborate about Non Renewable resources. [6] CO1 BTL2