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**LORDS INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
(UGC AUTONOMOUS)  
Approved by AICTE | Recognized by Government of Telangana | Affiliated to Osmania University  
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Course Code: U21CH192

**B.E I- SEMESTER END EXAMINATION - April -2022**  
**Course: ENVIRONMENTAL SCIENCES**

Common to CE, CSE, CSD &amp; EEE

Date: 18-04-2022

Time: 3 Hours

Bloom's Taxonomy Levels (BTL)

Max. Marks : 60

1. Remember	2. Understand	3. Apply	4. Analyze	5. Evaluate	6. Create
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Note: Question No. 1 is compulsory

Answer any 4 questions from Q.No.2 - Q.No.7

1. a. Elaborate the importance and scope of environmental science. [2] CO BTL  
b. Define a Food Chain and a Food Web. Write its significance in an ecosystem. [2] CO3 BTL2  
c. Define "Hot Spots" and mention global areas which are called as "Hot Spots". [2] CO2, CO6 BTL2  
d. How is solid waste managed in India? [2] CO3, CO6 BTL1  
e. What are the principles of disaster management? [2] CO4, CO5 BTL  
f. What causes Land Slide and write its types? [2] CO1 BTL
  2. a. Explain about deforestation and its effects on tribal people. [6] CO3  
b. Is man responsible for landslides? Give reasons. [6] CO3
  3. a. What are ecological pyramids? Explain the types of ecological pyramids with an example. [6] CO2, CO6  
b. Explain "Ecological Succession" in different stages. [6] CO2, CO6
  4. a. Explain in detail the various threats to biodiversity. [6] CO3, CO6  
b. Write a detailed note on Endangered species using appropriate examples. [6] CO3, CO6
  5. a. What are the issues in enforcement of environmental legislation? [6] CO  
b. What are the different water protection acts implemented in our country? [6] CO
  6. a. Describe Disaster management cycle and its management in India. [6] CO  
b. Write a detailed note on Climate Change. [6] CO
- Elaborate on World Food Problems and list down measures taken by different governments to overcome this issue. [12]

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