



LORDS INSTITUTE OF ENGINEERING AND TECHNOLOGY (UGC AUTONOMOUS)

Approved by AICTE | Recognized by Government of Telangana | Affiliated to Osmania University
Accredited by NBA | Accredited with 'A' grade by NAAC | Accredited by NABL

B.E I- SEMESTER END EXAMINATION (Regular) -Feb-2024

ENVIRONMENTAL SCIENCE

(Common to CSE, CSD, Civil & Mech)

Time: 3 Hours

Date: 21-02-2024

Max. Marks: 60

Bloom's Taxonomy Levels (BTL)

1. Remember	2. Understand	3. Apply	4. Analyze	5. Evaluate	6. Create
-------------	---------------	----------	------------	-------------	-----------

Note: Question No. 1 is compulsory

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

CO BTL

- | | |
|---|---|
| <p>1. a. Why are we looking at alternative sources of energy?</p> <p>b. Define ecological pyramids with suitable examples?</p> <p>c. What are the different levels of Bio diversity?</p> <p>d. Write four control measures of Air pollution?</p> <p>e. How is acid rain formed?</p> <p>f. What are the advantages of dams?</p> <p>2. a. Explain about effects of Modern Agriculture?</p> <p>b. Discuss about renewable and non-renewable Energy sources?</p> <p>3. a. Classify the ecosystem and write about forest ecosystem?</p> <p>b. Explain the terms food chain. Name and explain various types of food chains with suitable examples.</p> <p>4. a. Explain various threats to biodiversity?</p> <p>b. Write a note on bio-geographical classification of India?</p> <p>5. a. Explain the causes, effects and control measures of water pollution?</p> <p>(b) Write salient features of water Act.</p> <p>6. a. Explain why refrigerators are threat to Ozone layer? Suggest few remedial measures to control Ozone layer depletion?</p> <p>b. Mention the objective of rain water harvesting?</p> <p>7. a. Do you feel environment education is an important subject for engineering student? Explain</p> <p>b. Explain importance of forests and discuss about causes of deforestation?</p> | <p>[2] CO1 BTL3</p> <p>[2] CO2 BTL2</p> <p>[2] CO3 BTL1</p> <p>[2] CO4 BTL1</p> <p>[2] CO5 BTL2</p> <p>[2] CO1 BTL1</p> <p>[6] CO1 BTL3</p> <p>[6] CO1 BTL2</p> <p>[6] CO2 BTL2</p> <p>[6] CO2 BTL2</p> <p>[6] CO3 BTL2</p> <p>[6] CO3 BTL3</p> <p>[6] CO4 BTL2</p> <p>[6] CO4 BTL2</p> <p>[6] CO5 BTL2</p> <p>[6] CO5 BTL2</p> <p>[6] CO1 BTL3</p> <p>[6] CO1 BTL2</p> |
|---|---|
