

JK Lakshmipat University Jaipur
INSTITUTE OF ENGINEERING AND TECHNOLOGY.

End-Term Examination, Dec 2024

B Tech, Semester I

Roll No.....

ES 1114 : Environmental Studies

Time: 2:30 hours

Max. Marks: 35

Instructions to students:

1. Do not write anything other than your roll number on question paper.
2. Assume suitable data wherever required and mention it clearly.
3. Writing appropriate units, nomenclature, and drawing neat sketches/schematics/ flow chart wherever, required are an integral part of the answer.

Note: All Questions carry equal marks (05)

1. Write short note on (word limit 200-300 words) A. Global warming B- Acid rain C-Ozone layer depletion.	CO 4
2. What is the difference between a food chain and a food web? Explain the roles of producers, consumers, and decomposers in a food chain, providing three specific examples to illustrate these concepts.	CO 2
3- Write short notes on the following. A- Air Prevention and control of pollution Act B- Water Prevention and control of pollution Act	CO 4
4- Short Notes (200-300 words each) A- Forest Ecosystem B- Hot Spot of Biodiversity	CO 2
5- What is biodiversity, and what are its main types? Discuss at least four major threats to biodiversity on a global scale, explaining their causes and potential impacts on ecosystems and human well-being.	CO 2
6- What major strategies and initiatives does the government undertake to conserve biodiversity?	CO 3
7- What are the major contributors to water pollution in urban areas, and how do they affect aquatic ecosystems and human communities? Propose sustainable solutions for prevention and control.	CO 3