



**GIET UNIVERSITY, GUNUPUR – 765022**  
Ph.D. (Second Semester) Examinations, November – 2023  
**PPEBO2013 /PPEZO2024 - Advance in Environmental Science and**  
**Ecotoxicology**  
(Botany ,Zoology)

Time: 3 hrs

Maximum: 70 Marks

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**The figures in the right hand margin indicate marks.**

**Answer ANY FIVE Questions****(14 x 5 = 70 Marks)**

	Marks
1.a. Correlate the human population explosion and erosion of ecosystem.	7
b. Describe that earth as the only suitable habitat for the living organism.	7
2.a. Write in details on Environment Impact Assessment.	7
b. What are the methods used for conservation of endangered species?	7
3.a. Write in details on utilization of wastes from fermentation industry.	7
b. What are the methods used for studying of cytotoxicity?	7
4.a. What are the chemical factors influence on ecosystems?	7
b. Describe the conservation of species as a part of our culture.	7
5.a. Describe the impact of technological development on living of man.	7
b. What are the causes of natural resources depletion?	7
6.a. What is a population? How a population shall be stabilized?	7
b. Give an account of Brewery wastes and their utilization.	7
7 a. Write briefly on influence toxicity in marine ecosystems.	7
b. Explain on the existing methods for conservation of endangered animals.	7
8 a. Justify the earth as the only suitable habitat for the living organism.	7
b. Describe an aquatic ecosystem.	7

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