

Reg. No.:

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**TERM END EXAMINATIONS (TEE) – December 2021- January 2022**

<b>Programme</b>	<b>: B.Tech.</b>	<b>Semester</b>	<b>: Fall 2021-22</b>
<b>Course Name</b>	<b>: Environmental Sustainability</b>	<b>Course Code</b>	<b>: CHY1006</b>
<b>Faculty Name</b>	<b>: Poonam Wankhede</b>	<b>Slot / Class No</b>	<b>: E13/0216</b>
<b>Time</b>	<b>: 1½ hours</b>	<b>Max. Marks</b>	<b>: 50</b>

**Answer ALL the Questions**

Q. No.	Question Description	Marks
<b>PART - A (30 Marks)</b>		
1	(a) What do you understand by sustainability? Explain different principles of sustainability.	10
	OR	
	(b) What are the differences between In-situ and Ex-situ conservation strategies? And list out the different In-situ conservation in India.	10
2	(a) What are the sources of water pollution and explain harmful pollutant and their effect to the human and environment?	10
	OR	
	(b) Discuss about the Eutrophication process, explain their causes. & What are the differences between natural eutrophication and cultural eutrophication?	10
3	(a) Discuss various effects of population growth on the environmental and various causes of overpopulation.	10
	OR	
	(b) What are the various goals for the sustainable developed human society? List out and explain.	10

**PART - B (20 Marks)**

- 4 Draw and explain the different functional process of phosphorous cycle. And why phosphorous is important as a nutrient? 10
- 5 List out the policies taken by Indian Government for conservation of sustainable energy sources. 10

