

Reg. No.:

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

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

Answer ALL the Questions

Q. No.	Question Description	Marks
PART - A (30 Marks)		
1	(a) What do you understand by sustainability? Explain different principles of sustainability. 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? 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. OR (b) What are the various goals for the sustainable developed human society? List out and explain.	10

PART - B (20 Marks)

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| 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 |

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