

Reg. No.:

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

Programme	: B.Tech	Semester	: Fall 2021-2022
Course	: Environmental Sustainability	Code	: CHY1006
Faculty	: Dr. Vivek Kumar Yadav	Slot/Class No.	: A13/0175
Time	: 1½ hours	Max. Marks	: 50

Answer ALL the Questions

Q. No.	Question Description	Marks
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PART - A (30 Marks)

1	(a)	Changes in environmental conditions cause communities and ecosystems to gradually alter their species composition, interaction and population sizes”. Justify the statement in your own words and also suggest the possible solutions for preserving habitat.	10
	OR		
	(b)	Discuss “overpopulation” in your words, and its impact on the various environmental issues. What are the key factors that influences the size of human population.	10
2	(a)	Discuss in your words any two types of pollution: Air, water, and noise pollutions.	10
	OR		
	(b)	What do you understand by oxygen depletion. What do you understand by Water footprint and virtual water. Define blue, green and grey water foot prints with at least one example.	10
3	(a)	Explain with examples about In-situ and Ex-situ Conservation of Biodiversity.	10
	OR		
	(b)	Comment on project tiger or project crocodile that is implemented in India. What is Aquatic Biodiversity?	10

PART - B (20 Marks)

4	Although the population of India is 3.4 times more than that of USA, its overall energy use and waste generation are less than 1/8th that of USA. Furthermore, environmental impact of India is less than USA”. Justify the statement and also suggest the ways to control environmental impact.	10
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5	(a) Give your views on “Women’s empowerments”. How Population control is possible via Empowerment of Women. (b) Discuss the renewable and non-renewable sources of energy.	5+5
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