

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	: Mr.Nitish Kumar Singh	Slot / Class No	: A13
Time	: 1½ hours	Max. Marks	: 50

Answer ALL the Questions

Q.No.	Question Description	Marks
PART - A (30 Marks)		
1	(a) What are your thoughts on energy-related urban issues? Discuss the reasons for their occurrences as well as the steps taken to address them. OR (b) Discuss the various phases in detail that act as a basic component of biogeochemical cycle. Briefly describe the role and characteristics of nitrogen cycle.	10
2	(a) Compare and contrast the terms, water foot-print and virtual water. OR (b) Is the global human population growth leading to poverty and scarcity worldwide? Justify the statement.	10
3	(a) Illustrate the factors which are responsible for over-population. Discuss them in detail. OR (b) Compare and contrast renewable and non-renewable resources of energy. Also discuss the pros and cons of renewable source of energy.	10
PART - B (20 Marks)		
4	Outline the importance of the ecosystem and its types with suitable examples.	10
5	Identify three different general types of fossil fuels. Discuss environmental problems that are associated with using these fossil fuels.	10

