



		Reg. No.:	
		Name :	
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TERM END EXAMINATIONS (TEE) – May 2023			
Programme	: B.Tech.- All Branches	Semester	: Summer Semester 2022-2023
Course Name	: Environmental Sustainability / CHY1006	Slot / Class No	: B14+B15+B17
Time	: 1½ hours	Max. Marks	: 50
Answer ALL the Questions			
Q. No.	Question Description		Marks
PART - A (30 Marks)			
1	(a)	Consumerism is one of the key factor in the surge of waste generation in the recent times. Exemplify the impact of consumerism on environment focusing on the alarming surge in waste generation globally.	10
	OR		
	(b)	In detail explain the concept of biodiversity and its importance. The conservation laws towards biodiversity protection plays an important role in preserving biodiversity. Discuss in detail the major initiatives by Govt. of India to protect the biodiversity in our country.	10
2	(a)	Discuss the concept of water foot print and what are the different measures to reduce the grey water foot print and increase green water foot print.	10
	OR		
	(b)	The population structure plays an important role in the economy of any country. Taking China population age pyramid as an example how one child policy in China affecting the projected economy of the country in the coming decade.	10
3	(a)	Explain the concept of sustainable societies and discuss in detail the pillars of sustainability. Narrate the effect of environment on suitability.	10
	OR		
	(b)	Describe the non-conventional sources of energy. Discuss the efforts on promoting non-conventional energy sources by India. Back your comments based on statistics of non-conventional energy usage.	10
PART - B (20 Marks)			
4	Discuss either of the environmental protection act (a) Air Act (b) Water Act		10

5	The concept of carbon sequestration is a very important concept of attaining net zero carbon emission. Discuss concept of carbon sequestration and its importance towards a net zero carbon emission.	10
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