

Reg. No.:

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Mid-Term Examinations – November 2021

Programme	: B.Tech	Semester	: Fall 2021-22
Course	: Environmental Sustainability	Code	: CHY1006
Faculty	: Dr. Dipankar Sutradhar	Slot/ Class No.	: E13/0760
Time	: 1 ½ hours	Max. Marks	: 50

Answer all the Questions

Q.No.	Sub. Sec.	Question Description	Marks
1		Environmental sustainability is one of the biggest challenge and most important targets of the present times. Comment on the challenges for sustainable development and suggest a way to overcome the same.	10
2		Engineering practices and technology can help to move the product, processes and systems developed by society towards sustainability. Substantiate this statement.	10
3		Enumerate the role of nitrogen cycle and phosphorous cycle in brief. Analyze the adverse effect of human activities on these cycles?	10
4		Extinction is the ultimate fate of all species. Analyze five major threats to diversity. Substantiate their sustainable solutions?	10
5		Define air pollution. Explain primary and secondary air pollutants. Enumerate the effects of the air pollution on human health and vegetation.	10

