



		<b>Reg. No.:</b>	
		<b>Name :</b>	
<div style="text-align: center;">   </div> <p style="text-align: center;">www.vitbhopal.ac.in</p>			
<b>MID TERM EXAMINATIONS – April 2023</b>			
Programme	: <b>B.Tech.</b>	Semester	: <b>Summer 2022-23</b>
Course Title/Course Code	: <b>Environmental Sustainability/CHY1006</b>	Slot	: <b>B11+B12+B13</b>
Time	: <b>1 ½ hours</b>	Max. Marks	: <b>50</b>
<b>Answer all the Questions</b>			
Q.No.	Sub. Sec.	Question Description	Marks
1		How has the burning of fossil fuels, overpopulation, deforestation, and waste disposal affected our environment?	<b>10</b>
2		Humans depend on the environment for their basic needs and they are constantly affecting the environment in various ways. Discuss the impacts of various interactions between society and the environment. Further, discuss the sustainable strategies for the environment too.	<b>10</b>
3	(a)	Define the ecosystem. What are the various components of an ecosystem?	<b>3</b>
	(b)	Discuss the various reasons responsible for the loss of biodiversity.	<b>7</b>
4		The biogeochemical cycles are the cycling of chemical elements through the earth's atmosphere, oceans, and sediments as it is affected by geological and biological cycles. In light of this statement discuss the Nitrogen cycle with the help of a neat diagram.	<b>10</b>
5		Write a short note on the (1) Air pollution sources (2) Photochemical smog (3) Eutrophication	<b>3</b> <b>3</b> <b>4</b>
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