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| | | Reg. No.: | |
| | | Name : | |



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Mid-Term Examinations – April 2023

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| Programme | : B.Tech. | Semester | : Summer Semester 2022-2023 |
| Course | : Environmental Sustainability / CHY1006 | Slot/ Class No. | : D21+D22+D23 |
| Time | : 1 ½ hours | Max. Marks | : 50 |

Answer all the Questions

| Q.No. | Sub. Sec. | Question Description | Marks |
|-------|-----------|---|-----------|
| 1 | | The global temperature is in rise which leads to a series of environmental concerns. In this context in detail explain five environmental problems that directly linked to global temperature rise. | 10 |
| 2 | | Explain the concept of consumerism and the impact of consumerism on environment. Strengthen your answer with examples. | 10 |
| 3 | | Nutrient cycles are a key factor in a sustainable ecosystem. Carbon cycle is an important nutrient cycle to maintain the energy flow in an ecosystem. Explain different process in a carbon cycle with a neat diagram. Write-down some of the human assisted activities that will disrupt carbon cycle. | 10 |
| 4 | | Biodiversity preservation is essential for the survival of the world. Describe the importance of biodiversity and some of the major threats to biodiversity. | 10 |
| 5 | | Explain the concept of water footprint and virtual water. How different water footprints represent the conservation of water resource. | 10 |

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