|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | **Reg. No.:** | |  | | | |
| **Name :** | |  | | | |
|  | | | | | | | | | | |
| **TERM END EXAMINATIONS (TEE) – December 2021- January 2022** | | | | | | | | | | |
| **Programme** | | | **:** | **B.Tech.** | | **Semester** | | **:** | **Fall 2021-22** | |
| **Course Name** | | | **:** | **Environmental Sustainability** | | **Course Code** | | **:** | **CHY1006** | |
| **Faculty Name** | | | **:** | **Poonam Wankhede** | | **Slot / Class No** | | **:** | **E13/0216** | |
| **Time** | | | **:** | **1½ hours** | | **Max. Marks** | | **:** | **50** | |
| **Answer ALL the Questions** | | | | | | | | | | |
| **Q. No.** | **Question Description** | | | | | | | | | **Marks** |
| **PART - A (30 Marks)** | | | | | | | | | | |
| 1 | (a) | What do you understand by sustainability? Explain different principles of sustainability. | | | | | | | | 10 |
| OR | | | | | | | | | |
| (b) | What are the differences between In-situ and Ex-situ conservation strategies? And list out the different In-situ conservation in India. | | | | | | | | 10 |
| 2 | (a) | What are the sources of water pollution and explain harmful pollutant and their effect to the human and environment? | | | | | | | | 10 |
| OR | | | | | | | | | |
| (b) | Discuss about the Eutrophication process, explain their causes. & What are the differences between natural eutrophication and cultural eutrophication? | | | | | | | | 10 |
| 3 | (a) | Discuss various effects of population growth on the environmental and various causes of overpopulation. | | | | | | | | 10 |
| OR | | | | | | | | | |
| (b) | What are the various goals for the sustainable developed human society? List out and explain. | | | | | | | | 10 |
| **PART - B (20 Marks)** | | | | | | | | | | |
| 4 | | Draw and explain the different functional process of phosphorous cycle. And why phosphorous is important as a nutrient? | | | | | | | | 10 |
| 5 | | List out the policies taken by Indian Government for conservation of sustainable energy sources. | | | | | | | | 10 |
| ⇔⇔⇔ | | | | | | | | | | |