|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | **Reg. No.:** | |  | | |
| **Name :** | |  | | |
|  | | | | | | | |
| **Mid-Term Examinations – October 2021** | | | | | | | |
| Programme | : | **B.Tech** | | Semester | | : | **Fall 2021-22** |
| Course | : | **Environmental Sustainability** | | Code | | : | **CHY1006** |
| Faculty | : | **Dr. B. Mahendran** | | Slot/ Class No. | | : | **B13/** **BL2021221000190** |
| Time | : | **1 ½ hours** | | Max. Marks | | : | **50** |

**Answer all the Questions**

|  |  |  |  |
| --- | --- | --- | --- |
| **Q.No.** | **Sub. Sec.** | **Question Description** | **Marks** |
| 1 | (a) | What is Biosphere? Discuss in detail about five different Environmental problems in Biosphere. | **5** |
|  | (b) | As a part of this ecosystem what kind of remedial strategies you like to implement to overcome the environmental pollution. | **5** |
| 2 | (a) | Explain the importance of Environmental studies in various engineering subjects. | **5** |
|  | (b) | Describe the importance of C, N and P cycles along with diagrams | **5** |
| 3 | (a) | Explain the causes for deforestation and give any forest management measures initiated by Indian government. | **5** |
|  | (b) | What is Biodiversity and explain the importance of In-situ and Ex-situ conservation strategies to retain the biodiversity loss. | **5** |
| 4 |  | Elaborate the need of genetically modified foods and explain the disadvantages of GM foods. | **10** |
| 5 |  | Illustrate the need of pesticides and fungicides and discuss their impact on human health. | **10** |

⇔⇔⇔