|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Roll Number** |  |  |  |  |  |  |  |

**KGiSL INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CLASS:** | **:** | **III B.Tech IT** | **MAX MARKS** | **:** | **75** |
| **SEMESTER:** | **:** | **IV** | **DURATION** | **:** | **02:00 Hrs** |
| **SUBJECT:** | **:** | **Environmental Science and Engineering** | **CODE** | **:** | **GE8291** |
| **COURSE NO** | : | **C215** | **DATE** | **:** | **01-03-2019** |
| **ACADEMIC YEAR** | : | **2018 – 19 (EVEN)** | **EXAM** | **:** | **INT TEST 2** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PART – A ( 10 X 2 = 20 Marks )** | | | | |
| **I** | **ANSWER ALL QUESTIONS** | | **BT**  **Level** | **Course Outcome** |
|  | 1. | What is Renewable and Non Renewable Resources? | R | C215:3 |
|  | 2. | What is Deforestation? | U | C215:3 |
|  | 3. | List down the effects of mining? | R | C215:3 |
|  | 4. | What is water logging? | R | C215:3 |
|  | 5. | What is desertification? | R | C215:3 |
|  | 6. | Define sustainable development. | R | C215:4 |
|  | 7. | Define urbanization. | U | C215:4 |
|  | 8. | What is nuclear accident? | U | C215:4 |
|  | 9. | Define pollution. | R | C215:4 |
|  | 10. | Define wasteland. | R | C215:4 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **PART – B ( 3 X 13 = 39 Marks )** | | | | | | | |
| **II** | **ANSWER ALL QUESTIONS** | | | | | **BT Level** | **Course Outcome** |
|  | 11. | (a) | (i) | Explain about forest resources and activities that affect the resources. | 6 | R | C215:3 |
| **( OR )** | | | | | | | |
|  |  | (b) | (i) | Explain about mineral resources and activities of mining that affects the environment. | 7 | R | C215:3 |
|  | | | | | | | |
|  | 12. | (a) | (i) | Explain about solar energy and biogas. | 7 | R | C215:3 |
| **( OR )** | | | | | | | |
|  |  | (b) | (i) | Explain about urbanization. | 7 | R | C215:4 |
|  |  |  |  |  |  |  |  |
|  | 13. | (a) | (i) | Explain about Water conservation | 13 | U | C215:4 |
|  |  |  |  | **( OR )** |  |  |  |
|  |  | (b) | (i) | Discuss about causes and effects of resettlement and rehabilitation of people. | 13 | R | C215:4 |
|  | | | | | | | |
| **PART – C ( 1 X 16 = 16 Marks )** | | | | | | | |
| **III** | **ANSWER ALL QUESTIONS** | | | | | **BT Level** | **Course Outcome** |
|  | 08. | (a) | (i) | Explain about land resources and activities of that affects the land. | 12 | U | C215:3 |
|  |  |  | (ii) | Give a short note on radiation poisoning and its health effects. | 4 | U | C215:4 |

|  |  |
| --- | --- |
| **COURSE OUTCOMES** | |
| **C215:1** | Knowledge about environment and geological classifications and importance. |
| **C215:2** | Knowledge about pollution and seriousness of environment. |
| **C215:3** | Public awareness of environment at infant stage. |
| **C215:4** | Ignorance and incomplete knowledge has lead to misconceptions. |
| **C215:5** | Development and improvement in standard of living has lead to serious Environmental disasters. |

|  |  |
| --- | --- |
| **BLOOMS TAXONOMY LEVELS** | |
| **R** | Remember |
| **U** | Understand |
| **AP** | Apply |
| **AN** | Analyze |
| **E** | Evaluate |
| **C** | Create |

|  |  |  |
| --- | --- | --- |
| **Staff I/C(s)** | **HOD** | **Principal** |