Reg. No. \_\_\_\_\_\_\_\_\_\_\_\_\_

**End Semester Examination – Nov / Dec – 2019**

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| **Code :** | **17CH1004** | **Duration :** | **3hrs** |
| **Sub. Name :** | **ENVIRONMENTAL STUDIES** | **Max. Marks :** | **100** |

**ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)**

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| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. | a. | Discuss the over utilization of Forest and Water Resources. | CO3 | 8 |
| b. | Describe the merits and demerits of Alternative Energy Resources. | CO3 | 6 |
| c. | Give an account of the role of an individual to conserve the Energy Resources. | CO3 | 6 |
| **(OR)** | | | | |
| 2. | a. | Describe the causes, effects and control methods of desertification. | CO3 | 8 |
| b. | Explain the benefits and problems of Dams. | CO3 | 6 |
| c. | Discuss the various types of Droughts. | CO3 | 6 |
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| 3. | a. | Identify the various functions of ecosystem. | CO4 | 5 |
| b. | Write the various types of food chain and its significance. | CO4 | 5 |
| c. | Discuss the approaches of conservation of biodiversity and its pros and cons. | CO4 | 10 |
| **(OR)** | | | | |
| 4. | a. | Describe the types of biodiversity with examples. | CO4 | 5 |
| b. | India is a mega-biodiversity nation – Defend it. | CO4 | 5 |
| c. | Discuss the various values of biodiversity. | CO4 | 10 |
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| 5. | a. | Discuss the Causes, Effects and Control methods of Air Pollution. | CO3 | 10 |
| b. | Explain the various effects and control methods of Solid wastes. | CO3 | 10 |
| **(OR)** | | | | |
| 6. | a. | Discuss the concepts that help the individuals to contribute for better quality of life and environment. | CO3 | 10 |
| b. | What are the principles of Green chemistry? Add a note on its benefits. | CO3 | 10 |
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| 7. | a. | Discuss the Rain Water harvesting method with a diagram. | CO4 | 8 |
| b. | Write the Water Pollution (prevention and control) Act. | CO4 | 6 |
| c. | What are the issues in enforcement of environmental legistration? | CO4 | 6 |
| **(OR)** | | | | |
| 8. | a. | Explain the effects and control measures of global warming. | CO4 | 8 |
| b. | What do you mean by water-shed management? | CO4 | 6 |
| c. | Describe the environmental pollution act. | CO4 | 6 |
|  | | **Compulsory**: |  |  |
| 9. | a. | Discuss the impacts and the control efforts of population growth. | CO4 | 10 |
| b. | Explain the role of IT in environment and human health. | CO4 | 10 |