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



**End Semester Examination – Nov/Dec– 2017**

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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. | Describe the benefits and problems associated with dams. | CO1 | 10 |
| b. | Suggest five methods to conserve water and energy resources in daily life. | CO1 | 10 |
| (OR) | | | | |
| 2. | a. | Justify the statement: It is essential to develop the renewable energy sources in the present day technology. | CO1 | 10 |
| b. | List out the causes and consequences of desertification. | CO1 | 10 |
|  |  |  |  |  |
| 3. | a. | Comment on the different values of biodiversity. | CO1 | 10 |
|  | b. | Write short notes on:   1. Hotspots of Biodiversity 2. Food chain and Food web | CO1 | 5+5 |
| (OR) | | | | |
| 4. | a. | Discuss the various threats faced by biodiversity. | CO1 | 10 |
|  | b. | Explain the stages involved in Ecological Succession. | CO1 | 10 |
|  |  |  |  |  |
| 5. | a. | Industrialization, Green revolution and urbanization have caused lot of pollution problems in the last fifty years. Explain. | CO2 | 10 |
|  | b. | Classify the different sources of soil pollution and highlight their effects and control. | CO2 | 10 |
| (OR) | | | | |
| 6. | a. | Elaborate the steps involved in solid waste management. | CO2 | 10 |
|  | b. | Discuss the causes, effects and preventive measures of water pollution. | CO2 | 3+4+3 |
|  |  |  |  |  |
| 7. | a. | Mention the ancient and modern methods of rain water harvesting and explain them. | CO5 | 10 |
|  | b. | Explain the mechanism of formation of acid rain and its impacts. | CO5 | 10 |
| (OR) | | | | |
| 8. | a. | Point out the functions of central pollution control board under water conservation act. | CO5 | 10 |
|  | b. | State article 48A and 51G. Propose five methods to create awareness regarding environment among public. | CO5 | 2+2+6 |
|  | |  |  |  |
|  | | **Compulsory**: |  |  |
| 9. | a. | Discuss the modes of transmission of HIV and its prevention. | CO6 | 10 |
|  | b. | Highlight the causes, effects and management of flood. | CO6 | 10 |

ALL THE BEST