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

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

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| **Code :** | **14CH1003** | **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. | Write an explanatory note on importance of environmental studies and public awareness. | CO1 | 10 |
| b. | Discuss the causes, effects and control measures of deforestation. | CO2 | 10 |
| (OR) | | | | |
| 2. | a. | Explain the factors that contribute to land degradation. Mention their effects. | CO1 | 10 |
| b. | Write an essay on renewable energy resources. | CO2 | 10 |
|  |  |  |  |  |
| 3. |  | What is bio diversity? Discuss the types, values and conservation of bio diversity. | CO1 | 20 |
| (OR) | | | | |
| 4. | a. | Define Ecosystem. Discuss the structure and function of ecosystem. | CO1 | 10 |
|  | b. | What do you mean by 'Ecological Succession’? Explain the types and process in detail. | CO2 | 10 |
|  |  |  |  |  |
| 5. | a. | Discuss the causes, effects and control measures of air pollution. | CO1 | 10 |
|  | b. | What is Green Chemistry? Explain the principles of Green Chemistry with few examples. | CO2 | 10 |
| (OR) | | | | |
| 6. | a. | Discuss in detail about solid waste management. | CO1 | 10 |
|  | b. | Explain the role of individuals in the prevention of pollution. | CO2 | 10 |
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| 7. | a. | Discuss on Green House Effect, climate change, acid rain, ozone layer depletion and their effects. | CO2 | 10 |
|  | b. | Define sustainable development and explain the urban problems related to energy and how it can be tackled. | CO2 | 10 |
| (OR) | | | | |
| 8. |  | Explain the salient features of Environment (Protection) Act, Water and Air (Prevention and Control of Pollution) Act. | CO1 | 20 |
|  | |  |  |  |
|  | | **Compulsory**: |  |  |
| 9. | a. | Define HIV and AIDS. Discuss about causes, symptoms and control measures for AIDS. | CO2 | 10 |
|  | b | Discuss the causes, effects and control measures of natural disasters. | CO3 | 10 |

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