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

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**End Semester Examination – Nov/Dec – 2018**

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| **Code :** | **12CH203** | **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 importance of land resources in the development of civilization. | CO2 | 10 |
| b. | Briefly describe the role of an individual in the conservation of natural resources. | CO3 | 10 |
| (OR) | | | | |
| 2. | a. | Describe in detail the uses and over uses of water resources in India. | CO2 | 10 |
| b. | Give your comment on the following.  “Future India’s Economic value is based on Solar Energy” | CO4 | 10 |
|  |  |  |  |  |
| 3. | a. | Give an account of values of biodiversity. | CO2 | 10 |
| b. | Write a short notes on:   1. Hotspots of Biodiversity 2. Food chain and Food web | CO1 | 10 |
| (OR) | | | | |
| 4. | a. | Write an essay on biogeo classification of India. | CO2 | 10 |
| b. | Explain the following terms with one suitable examples.  i. Extinct Species. ii. Endemic Species.  iii. Red Data Book. iv. Endnagered Species. | CO2 | 10 |
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| 5. | a. | Industrilization, Green revolution and urbanization have caused lot of pollution problems in the last fifty years. Explain and quantify the damage. | CO4 | 10 |
| b. | Classify the different types of air pollutant with their effects and sources. | CO2 | 10 |
| (OR) | | | | |
| 6. | a. | Thermal power plants are deemed essential for generation of electricity but they also produce wastes which are harmful for man and his environment. Elucidate. | CO2 | 10 |
| b. | Give a comprehensive account of the solid waste Management. | CO2 | 10 |
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| 7. | a. | Explain the concept of sustainable development. | CO2 | 10 |
| b. | Find out the rainwater harvesting methods currently being adopted in your locality and try to propose suggestions for improvement. | CO4 | 10 |
| (OR) | | | | |
| 8. | a. | Summarize the phenomenon of global warming and factors contributing it. | CO3 | 10 |
| b. | Discuss the salient features of the Wildlife (protection) Act, 1972 | CO2 | 10 |
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|  | | **Compulsory:** |  |  |
| 9. | a. | “In terms of continents and countries, the world population is very imbalanced”. Discuss. | CO4 | 10 |
| b. | Write a short notes on AIDS and Women welfare. | CO2 | 10 |