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

G:\logo and QP Template\logo 3 Feb 2018 final.tif

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

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

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. | a. | Discuss the advantages and disadvantages of constructing dams. | CO1 | 10 |
| b. | Give an account on the causes and effects of deforestation | CO1 | 10 |
| (OR) | | | | |
| 2. | a. | Explain the various causes and effects of soil erosion. | CO1 | 10 |
| b. | Write note on solar energy and wind energy. | .CO1 | 10 |
|
| 3. | a. | Explain the steps involved in the process of ecological succession. | CO1 | 10 |
| b. | Write elaborately the values of biodiversity. | CO1 | 10 |
| (OR) | | | | |
| 4. | a. | Elaborate any four methods of conservation of biodiversity. | CO1 | 10 |
| b. | Write a note on food chain and biotic components of ecosystem. | CO1 | 10 |
|  |  |  |  |  |
| 5. | a. | Highlight the pollutants causing air pollution. Write their harmful effects. | CO2 | 10 |
| b. | Summarise the causes and effects of noise pollution. | CO2 | 10 |
| (OR) | | | | |
| 6. | a. | Comment on the five R’s in solid waste management. | CO2 | 10 |
| b. | Discuss the principles of green chemistry. | CO2 | 10 |
|  |  |  |  |  |
| 7. | a. | Give an account on the effects of global warming. | CO3 | 10 |
| b. | How is acid rain formed? Explain its harmful effects. | CO3 | 10 |
| (OR) | | | | |
| 8. | a. | Point out the salient features and the amendments made in Forest Act. | CO4 | 10 |
| b. | Elaborate the causes and effects of ozone layer depletion. | CO4 | 10 |
|  | |  |  |  |
|  | | **Compulsory**: |  |  |
| 9. | a. | Give a detailed account on the causes, effects and the management of earthquake. | CO5 | 10 |
| b | Define HIV and AIDS. Discuss about causes, symptoms and control measures for AIDS. | CO5 | 10 |