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

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

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| **Code :** | **14BT2055** | **Duration :** | **3hrs** |
| **Sub. Name :** | **POLLUTION CONTROL AND ENGINEERING** | **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 on various measures for pollution control . | CO3 | 10 |
|  | b. | Explain different tools of environment management. | CO3 | 10 |
| (OR) | | | | |
| 2. |  | Explain different types of pollution, causes and effect on environment. | CO3 | 20 |
|  |  |  |  |  |
| 3. | a. | Assess the role of ‘public participation’ in environmental assessment. Give examples. | CO3 | 8 |
|  | b. | Evaluate the impact of genetically modified crops on the environment. | CO3 | 12 |
| (OR) | | | | |
| 4. |  | Discuss on the concept and objectives of EIA in developing countries. Give an example. | CO3 | 20 |
|  |  |  |  |  |
| 5. | a. | Explain the concept of life cycle assessment and its purposes. | CO2 | 10 |
| b. | Describe the procedure for conducting life cycle assessment. | CO2 | 10 |
| (OR) | | | | |
| 6. |  | Which type of EA you would like to conduct in your area and list the required steps in implementing EA. | CO2 | 20 |
|  |  |  |  |  |
| 7. |  | Evaluate the existing recycling methods in pharma industry. | CO1 | 20 |
| (OR) | | | | |
| 8. |  | Describe the concept of clean technology.With a case study explain the benefits of Clean technology in India. | CO1 | 20 |
|  | |  |  |  |
|  | | **Compulsory**: |  |  |
| 9. |  | Explain how the concept of waste reduction will curb the pollution in industry of your choice . | CO1 | 20 |