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



**End Semester Examination – Nov / Dec – 2019**

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| **Code :** | **18CE3044** | **Duration :** | **3hrs** |
| **Sub. Name :** | **SOLID AND HAZARDOUS WASTE MANAGEMENT** | **Max. Marks :** | **100** |

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| **Q. No.** | **Sub Div.** | **Questions** | **Marks** |
| **ANSWER ANY FIVE QUESTIONS (5 x 16 = 80 Marks)** | | | |
| 1. | a. | List the main sources of solid waste. | 10 |
| b. | Relate hazardous waste with Solid waste. | 6 |
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| 2. | a. | State the hazardous waste management strategies. | 10 |
| b. | Enumerate the classification solid waste. | 6 |
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| 3. | a. | List the sources of hazardous waste. | 10 |
| b. | Explain the source reduction techniques of wastes. | 6 |
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| 4. | a. | Present a case study on the aspects of solid waste management techniques adopted in Mysore. | 10 |
| b. | Define the term waste, solid waste and explain its types. | 6 |
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| 5. | a. | Summarize the waste exchange process. | 5 |
| b. | Mention the advantages and disadvantages of extended producer responsibility and explain it. | 5 |
| c. | Elaborate the material separation and waste processing technologies. | 6 |
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| 6. | a. | Discuss the various types of landfills. | 8 |
| b. | Classify in detail the hazardous waste. | 8 |
|  |  |  |  |
| 7. | a. | Summarize the methods of composting. | 8 |
| b. | Relate biological with chemical conversion technologies applied to solid waste. | 8 |
| **COMPULSORY QUESTION (1 x 20 = 20 Marks)** | | | |
| 8. |  | Enumerate the hazardous waste regulations adopted in India. | 20 |