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

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**End Semester Examination – November – 2019**

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| **Code :** | **18CE3045** | **Duration :** | **3hrs** |
| **Sub. Name :** | **ENVIRONMENTAL IMPACT ASSESSMENT** | **Max. Marks :** | **100** |

**ANSWER ANY FIVE QUESTIONS (5 x 16 = 80 Marks)**

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| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. | a. | What is the necessity of environmental impact assessment(EIA) study? | CO1 | 4 |
| b. | Discuss the procedure involved in the EIA. | CO1 | 6 |
| c. | Evaluate the factors considered in the site selection of the study area. | CO1 | 6 |
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| 2. | a. | How will you form an EIA study team? | CO2 | 4 |
| b. | Discuss the parameters considered while preparing an EIA report. | CO2 | 6 |
| c. | Summarize the preparation of draft EIA statements. | CO2 | 6 |
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| 3. | a. | What are the impact analysis carried out in EIA study? | CO3 | 4 |
| b. | Discuss the processing of draft environmental impact statements. | CO3 | 6 |
| c. | Summarize the conceptual basis for trade off analysis in EIA study. | CO3 | 6 |
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| 4. | a. | What do you mean by ad hoc method in EIA methodology? | CO4 | 4 |
| b. | Discuss the criteria for the selection of EIA methodology. | CO4 | 6 |
| c. | Discuss the hydrological and ecological effects happen due to the establishment of chemical industries. | CO4 | 6 |
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| 5. | a. | What are the objectives of environmental auditing? | CO5 | 4 |
| b. | Discuss the elements of environmental audit process. | CO5 | 6 |
| c. | Summarize the elements involved in the preparation of an audit report. | CO5 | 6 |
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| 6. | a. | List out the negative effects observed due to the presence of an industry in Tamil Nadu. | CO1 | 4 |
|  | b. | Discuss the classification of environmental parameters. | CO1 | 6 |
|  | c. | Evaluate the process of identifying a preferred alternative of a proposed study area. | CO3 | 6 |
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| 7. | a. | List out common health impacts occur due to pollution of industries. | CO4 | 4 |
| b. | Discuss the cost benefit analysis in an EIA study. | CO4 | 6 |
| c. | Evaluate the role of information technology in the processing of EIA data. | CO5 | 6 |
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| **COMPULSORY QUESTION (1 x 20 = 20 Marks)** | | | | |
| 8. | a. | Discuss the environmental impact assessment of a city which discharge effluent from dyeing industries. | CO6 | 8 |
| b. | Evaluate the paramaters considered for the EIA study for the proposed establishment of an atomic power plant. | CO6 | 6 |
| c. | Discuss the societal awareness required to implement a major chemical industry in Tamil Nadu. | CO6 | 6 |