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



**UNIVERSITY**

(Karunya Institute of Technology & Sciences)

(Declared as Deemed-to-be University under Sec.3 of the UGC Act, 1956)

**End Semester Examination – Apr/May – 2017**

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| **Code :** | **14CE3038** | **Duration :** | **3hrs** |
| **Sub. Name :** | **ENVIRONMENTAL IMPACT ASSESSMENT** | **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. | State the important aspects of EIA. | CO 1 | 6 |
| b. | Explain about scope of EIA. | CO 1 | 6 |
| c. | Explain the principles of EIA. | CO 1 | 8 |
| (OR) | | | | |
| 2. | a. | Explain the purpose of EIA. | CO 1 | 5 |
| b. | Why is EIA important? | CO 2 | 5 |
| c. | List the various EIA methods. What are the criteria used for selecting best. EIA method in a given situation. | CO 2 | 10 |
| 3. | a. | Differentiate between EIA and EIS. Explain how do you prepare EIS. | CO1 | 10 |
| b. | Discuss about the environmental indices for water and air Qulaity. | CO 2 | 10 |
| (OR) | | | | |
| 4. | a. | Discuss about the methodologies for identification of potential environmental impacts of typical engineering projects. | CO 2 | 10 |
|  | b. | Explain matrix method of EIA. | CO 1 | 10 |
| 5. | a. | Enumerate the environmental attributes for EIA. | CO 1 | 10 |
| b. | List down the different categories of check methods? Discuss different environmental factors to be considered in check list methods. | CO 2 | 10 |
| (OR) | | | | |
| 6. | a. | State the importance of EIA auditing. | CO 1 | 2 |
|  | b. | Recite the reasons for environmental auditing. | CO 2 | 2 |
|  | c. | Check list are useful. Examine the statement. | CO 2 | 4 |
|  | d. | State the types of objective – based EIA auditing? | CO 1 | 6 |
|  | e. | List the ad-hoc methods? Where they are useful? What are its draw backs? | CO 2 | 6 |
| 7. | a. | Enumerate the measures to be taken up to prevent soil pollution. | CO2 | 10 |
|  | b. | Explain the various forms of air pollution. Explain its impact of biological environment. | CO2 | 10 |
| (OR) | | | | |
| 8. | a. | Explain the causes of deforestation. | CO 1 | 10 |
|  | b. | List the impact of development activities on wild life in forest watershed. | CO 2 | 10 |
|  | | **Compulsory:** |  |  |
| 9. | a. | Explain the advantages of environmental audit. | CO 2 | 10 |
|  | b. | Discuss the types of AUDIT. | CO 1 | 10 |

ALL THE BEST