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 – April/May– 2017**

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|  |  |  |  |
| **Code :** | **14CE2043** | **Duration :** | **3hrs** |
| **Sub. Name :** | **DISASTER MANAGEMENT AND MITIGATION** | **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. | Describe in detail about disaster management cycle. | CO1 | 8 |
| b. | Discuss the Goals, objective and purpose of ISDR system. | CO3 | 12 |
| (OR) | | | | |
| 2. | a. | Explain about the Mechanism of land sliding. | CO2 | 14 |
| b. | Draw the disaster management organizational system. | CO3 | 6 |
| 3. | a. | Describe various aspects related to emergency response in disaster management. | CO3 | 13 |
|  | b. | Enumerate the disaster management plan for a thermal power plant. | CO3 | 7 |
| (OR) | | | | |
| 4. | a. | State the impacts of drought. | CO1 | 12 |
|  | b. | Write a note on measures for quick resortaiton of power supply. | CO2 | 8 |
| 5. | a. | Construct your idea about Role of India in disaster management. | CO1 | 8 |
|  | b. | Extend your idea about Risk identification. | CO2 | 12 |
| (OR) | | | | |
| 6. | a. | Summarise the various classification of risk treatment for natural disasters. | CO2 | 10 |
|  | b. | Write the various application of IT in disaster management. | CO3 | 10 |
| 7. | a. | Mention the Risk Reduction measures of cyclone. | CO1 | 8 |
|  | b. | Elaborate in detail about the emergency response. | CO2 | 12 |
| (OR) | | | | |
| 8. | a. | Explain the various factors to be considered while planning the rebuilding works after a major disaster due to earthquake. | CO1 | 7 |
|  | b. | Describe in detail about the Rehabilitation of victims. | CO2 | 13 |
|  | | **Compulsory**: |  |  |
| 9. | a. | Give an account on characteristics, mitigation and management of Tusanami disaster. | CO2 | 15 |
|  | b. | List out the various types of disasters. | CO2 | 5 |

ALL THE BEST