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 – Nov/Dec– 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. | List out and explain different types of droughts and floods. | CO1 | 8 |
| b. | Reframe the mitigation methods for landslides. | CO2 | 8 |
| c. | Define the term disaster management. | CO3 | 4 |
| (OR) | | | | |
| 2. | a. | Compare the causes and response actions for nuclear and chemical disaster. | CO2 | 12 |
| b. | Elaborate Mitigation methods for drought. | CO2 | 8 |
| 3. | a. | Recall the different types of accidents and explain. | CO1 | 8 |
| b. | Mention the do’s and dont’s during earthquake emergency. | CO2 | 8 |
| c. | Illustrate the pre arrangement and actions during flood. | CO2 | 4 |
| (OR) | | | | |
| 4. | a. | Discuss about the importance of Community based disaster preparedness. | CO3 | 8 |
| b. | Role-play of state, central and armed forces during disaster. | CO3 | 6 |
| c. | Paraphrase the term NDRF. | CO3 | 6 |
| 5. | a. | Describe about the different types of hazards. | CO1 | 10 |
| b. | Discuss about the various causes, sources and effect of ozone layer depletion. | CO1 | 10 |
| (OR) | | | | |
| 6. | a. | Write a short note on institutional framework for disaster management. | CO3 | 15 |
| b. | Compose the importance of NDMA in India for the disaster management. | CO3 | 5 |
| 7. | a. | Explain the early warning system for the prevention of different disaster. | CO2 | 10 |
| b. | Recall the importance of disaster risk reduction. | CO3 | 10 |
| (OR) | | | | |
| 8. | a. | Briefly explain the financial arrangement for the disaster management. | CO3 | 8 |
| b. | Elaborate the relevance of Disaster preparedness in disaster management. | CO3 | 12 |
|  | | **Compulsory**: |  |  |  |
| 9. | a. | Explain the effects, causes and sources of acid rain due to uncontrolled pollution in the present scenario. | CO1 | 8 |
| b. | Describe the concept, types of urban heat island effect and suggest suitable preventive measures. | CO1 | 12 |

ALL THE BEST