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 – 2016**

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|  |  | **Semester :** | **2016-17 ODD** |
| **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. | Explain the disaster action plan for Tsunami. | CO1 | 10 |
| b. | Explain the disaster action plan for Terrorism. | CO1 | 10 |
| (OR) | | | | |
| 2. |  | Explain the disaster action plan for Fire, Forest fires and Oil Fires, Oil Well Fires. | CO1 | 20 |
| 3. | a. | Discuss about Risk identification, Risk reduction and Risk transfer. | CO2 | 10 |
|  | b. | Discuss about the role of Central and State government in disaster risk reduction. | CO2 | 10 |
| (OR) | | | | |
| 4. | a. | Discuss about the role of District and Local administration in disaster risk reduction. | CO2 | 10 |
|  | b. | Discuss about pre-disaster risk management. | CO2 | 5 |
|  | c. | Discuss about post-disaster risk management. | CO2 | 5 |
| 5. | a. | Discuss about Satellite-based weather warning, Flood forecasting and Tsunami warning system. | CO3 | 15 |
|  | b. | Discuss about V-SAT phone and Quake alarm system. | CO3 | 5 |
| (OR) | | | | |
| 6. | a. | Discuss about GPS. | CO3 | 10 |
|  | b. | Discuss about Global warming and climate changes. | CO3 | 10 |
| 7. | a. | How GIS works with suitable diagrams? | CO3 | 10 |
|  | b. | Describe various views of GIS with suitable diagrams. | CO3 | 10 |
| (OR) | | | | |
| 8. |  | Describe the DMIS system in India? | CO3 | 20 |
|  | | **Compulsory:** |  |  |
| 9. |  | Discuss about various hazards. | CO1 | 20 |

ALL THE BEST