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

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**End Semester Examination – Nov/Dec – 2018**

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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. | Recall the do’s and don’ts during disasters like tsunami and cyclone. | | CO1 | | 10 |
| b. | Elucidate the concepts green house effect and global warming. | | CO1 | | 10 |
| (OR) | | | | | | |
| 2. | a. | Write a note on the relevance of rehabilitation and reconstruction. | | CO2 | | 10 |
| b. | Paraphrase the terms disaster preparedness and mitigations. | | CO2 | | 5 |
| c. | Discuss about the early warnings for cyclone. | | CO2 | | 5 |
|  |  |  | |  | |  |
| 3. | a. | Describe the Mitigation methods for tsunami. | | CO2 | | 10 |
| b. | Recognize the causes and effects of urban heat islands. | | CO1 | | 10 |
| (OR) | | | | | | |
| 4. | a. | Explain the Mitigation methods for flood. | | CO2 | | 8 |
| b. | Briefly explain the elements of disaster risk management framework. | | CO3 | | 12 |
|  |  |  | |  | |  |
| 5. | a. | List out the Objectives of disaster management. | | CO3 | | 5 |
| b. | Recall the various Mechanism of response. | | CO2 | | 5 |
| c. | Explain the causes of earthquake and tsunami. | | CO1 | | 10 |
| (OR) | | | | | | |
| 6. | a. | Reframe the different types of cyclones. | | CO1 | | 6 |
| b | Analyze the role of armed agencies and other agencies in disaster management. | | CO1 | | 6 |
| c. | Elaborate the different types of terrorism. | | CO1 | | 8 |
|  |  |  | |  | |  |
| 7. | a. | Compose the different types and causes of landslides. | | CO1 | | 8 |
| b. | Recall the components of risk management process. | | CO3 | | 12 |
| (OR) | | | | | | |
| 8. | a. | Briefly explain the different types, causes and response action for accidents. | | CO1 | | 12 |
| b. | Illustrate disaster management cycle with explanation. | | CO3 | | 8 |
|  | |  | |  | |  |
|  | | **Compulsory**: | |  | |  |
| 9. | a. | Discuss about the various causes, effects and sources of climate change. | | CO1 | | 10 |
| b. | Recognize the different types of disasters and explain briefly. | | CO1 | | 10 |