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



**End Semester Examination – Nov / Dec – 2019**

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| --- | --- | --- | --- |
| **Code :** | **17CE2046** | **Duration :** | **3hrs** |
| **Sub. Name :** | **GLOBAL CLIMATE CHANGE AND ITS IMPACT** | **Max. Marks :** | **100** |

**ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. | a. | Compose a short note on Paleo-indicators. | CO1 | 10 |
| b. | Compile a brief note on fundamentals of climate change. | CO1 | 10 |
| **(OR)** | | | | |
| 2. |  | Summarise a brief note on climate change and sutainable development. | CO1 | 20 |
|  |  |  |  |  |
| 3. |  | List and explain the factors affecting global, regional and local level climate. | CO2 | 20 |
| **(OR)** | | | | |
| 4. |  | Demonstrate a case study on climate change in global scale. | CO2 | 20 |
|  |  |  |  |  |
| 5. |  | Explain briefly the structure and driving forces of climate change. | CO3 | 20 |
| **(OR)** | | | | |
| 6. |  | Explain in detail about ocean circulation and its role on climate change. | CO3 | 20 |
|  |  |  |  |  |
| 7. | a. | Compile a brief note on greenhouse effect. | CO4 | 10 |
| b. | Explain the science of sea level rise issue. | CO4 | 10 |
| **(OR)** | | | | |
| 8. | a. | Discuss briefly about El Nino. | CO5 | 10 |
| b. | Explain about nuclear winter. | CO5 | 10 |
|  | | **Compulsory**: |  |  |
| 9. | a. | Decribe the role of IPCC in climate change, mitigation and adaptation. | CO6 | 10 |
| b. | Discuss in detail on carbon finance. | CO6 | 10 |