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



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

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|  |  |  |  |
| **Code :** | **17CA2068** | **Duration :** | **3hrs** |
| **Sub. Name :** | **CLOUD SECURITY** | **Max. Marks :** | **100** |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. |  | Explain in detail the architectural influences in cloud computing. | CO2 | 20 |
| **(OR)** | | | | |
| 2. |  | Explain in detail the operational influences in cloud computing. | CO2 | 20 |
|  |  |  |  |  |
| 3. | a. | Give a detailed note on service models of cloud with suitable scenarios. | CO1 | 10 |
| b. | Write a brief note on deployment models of cloud computing in detail with examples. | CO1 | 10 |
| **(OR)** | | | | |
| 4. |  | Elaborate the cloud computing and Business continuity planning / Disaster recovery. | CO4 | 20 |
|  |  |  |  |  |
| 5. | a. | Describe the CIA Traid with its important concepts. | CO3 | 10 |
| b. | Write in brief the common threats to both cloud and traditional infrastructure. | CO3 | 5 |
| c. | Identify the several areas of risk to virtualized systems. | CO3 | 5 |
| **(OR)** | | | | |
| 6. |  | Explain in detail about the threats to infrastructure, data and access control. | CO3 | 20 |
|  |  |  |  |  |
| 7. | a. | Describe the security awareness, training and education in cloud security architecture. | CO5 | 10 |
| b. | Write about Secure Execution Environments and Communications. | CO5 | 10 |
| **(OR)** | | | | |
| 8. | a. | Write a short note on Hardening the host operating system. | CO5 | 5 |
| b. | Write in brief the tokens and its types. | CO5 | 5 |
| c. | Describe the microarchitectures with example. | CO5 | 10 |
|  | | **Compulsory**: |  |  |
| 9. |  | Elaborate the Incident response and its life cycle with incident handling summary. | CO6 | 20 |