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



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

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| **Code :** | **17CA2067** | **Duration :** | **3hrs** |
| **Sub. Name :** | **CYBER SECURITY GOVERNANCE** | **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. | Discuss the various components of Cyber security with appropriate illustration. | CO1 | 15 |
| b. | Describe the security management life cycle. | CO1 | 5 |
| **(OR)** | | | | |
| 2. | a. | Describe Security policy, its need and its constituents with appropriate illustrations. | CO1 | 20 |
|  |  |  |  |  |
| 3. | a. | Discuss the role of E-commerce in the evolution of cyber security. | CO2 | 15 |
| b. | Write a short note on ‘Security policy servers’. | CO2 | 5 |
| **(OR)** | | | | |
| 4. | a. | Explain the functionality of the following :   1. Web proxy servers 2. Security policy servers 3. Security Information Management(SIM) servers 4. Honey pots | CO3 | 5  5  5  5 |
|  |  |  |  |  |
| 5. | a. | Discuss Security frameworks in detail. | CO4 | 15 |
| b. | State the purpose of e-commerce systems and the security features that facilitate it. | CO4 | 5 |
| **(OR)** | | | | |
| 6. | a. | Discuss the enumeration of vulnerabilities and misuse techniques. | CO4 | 15 |
| b. | State the mobile devices core functions and list the security features that facilitate those functions. | CO4 | 5 |
|  |  |  |  |  |
| 7. | a. | Discuss one cyber security policy issue concerning the cyber security issues. | CO5 | 15 |
| b. | Explain the different cyber security issues. | CO5 | 5 |
| **(OR)** | | | | |
| 8. | a. | Write a detailed note on cyber security policy issues concerning Email and Messaging. | CO5 | 15 |
| b | Describe privacy and differentiate privacy with information security. | CO5 | 5 |
|  | | **Compulsory**: |  |  |
| 9. |  | Explain cyber security policy issues concerning security principles in detail. | CO6 | 20 |