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

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

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| **Code :** | **17CA2048** | **Duration :** | **3hrs** |
| **Sub. Name :** | **COMPUTER FORENSICS** | **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. | Write a short note on traditional computer crime. | | CO1 | 5 |
| b. | Explain the relationship between computer crime and digital forensics. | | CO1 | 5 |
| c. | Explain the different types of hard drive. | | CO1 | 5 |
| d. | Write a short note on Identity theft. | | CO1 | 5 |
| (OR) | | | | | |
| 2. | a. | Explain the following   1. Hacking. 2. Denial of Service (DOS). 3. Distributed Denial of Service (DDOS). 4. Virus dissemination. 5. Computer vandalism. 6. Credit Card fraud. 7. Net monitor. | CO1 | | 14 |
| b. | Classify the categories of crime. | CO1 | | 6 |
|  |  |  |  | |  |
| 3. | a. | Write a short note on Bookmarking and Searching. | CO2 | | 5 |
| b. | Explain Forensic file imaging in detail. | CO2 | | 10 |
| c. | Write a short note on File system. | CO4 | | 5 |
| (OR) | | | | | |
| 4. |  | Discuss briefly about bits, bytes and numbering system. | CO2 | | 20 |
|  |  |  |  | |  |
| 5. | a. | Explain the investigation procedures in detail. | CO2 | | 10 |
| b. | Write a short note on data recovery and the techniques used for recovering data. | CO3 | | 10 |
| (OR) | | | | | |
| 6. | a. | Explain crime scene investigation process with an example. | CO5 | | 10 |
| b. | Discuss the investigation preparation and the different phases | CO3 | | 10 |
|  |  |  |  | |  |
| 7. | a. | Explain windows artifacts in detail. | CO5 | | 10 |
| b. | Write a short note on Sleuth Kit. | CO3 | | 10 |
| (OR) | | | | | |
| 8. | a. | Explain hardware write blocker with an example. | CO5 | | 10 |
| b. | Write a short note on encase. | CO3 | | 10 |
|  | |  |  | |  |
|  | | **Compulsory**: |  | |  |
| 9. | a. | Discuss briefly about Software Piracy. | CO6 | | 10 |
| b. | Write a short note on forgery. | CO6 | | 5 |
| c. | Write a short note on the consequences of computer criminal damage. | CO6 | | 5 |