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



**UNIVERSITY**

(Karunya Institute of Technology & Sciences)

(Declared as Deemed-to-be University under Sec.3 of the UGC Act, 1956)

**End Semester Examination – Nov/Dec – 2017**

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| **Code :** | **14CS3076** | **Duration :** | **3hrs** |
| **Sub. Name :** | **CYBER 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. | Compare hacking with cracking with clear examples. | CO1 | 5 |
| b. | Explain the history of computer forensics with its linkage to Digital Forensic Science. | CO1 | 15 |
| (OR) | | | | |
| 2. |  | Analyze the Boing hack of 1995 with clear steps as to its identification,and mitigation with analysis of a hacker’s attitude. | CO3 | 20 |
|  |  |  |  |  |
| 3. |  | Examine the “Bind, Torture, Kill” attack with analysis of each crime scene investigation documentation with detailed outcome of the case. | CO1 | 20 |
| (OR) | | | | |
| 4. | a. | Explain the different types of Electronic Surveillance mechanism available with examples. | CO2 | 10 |
|  | b. | Elucidate the multilateral, international approaches and issues of electronic surveillance in the investigation of serious and organized crime. | CO2 | 10 |
|  |  |  |  |  |
| 5. | a. | Illustrate the three categories of cyber crime along with distinguishing cyber crimes with cyber related crimes. | CO1 | 10 |
|  | b. | Explain the national and international efforts to fight cyber crime. | CO1 | 10 |
| (OR) | | | | |
| 6. | a. | Discuss the common crimes related to mobile phones. | CO2 | 10 |
|  | b. | Explain the future of trends in improving the security features in cyber forensics. | CO1 | 10 |
|  |  |  |  |  |
| 7. |  | Is outsourcing possible for security purposes? Validate your answer with proper examples and detail the operation of Managed Security Service Providers (MSSPs) | CO1 | 20 |
| (OR) | | | | |
| 8. |  | Identify the need for Service Level Agreement with clear example of each phase, its metrics and the checklist for the service level agreement. | CO2 | 20 |
|  | |  |  |  |
|  | | **Compulsory**: |  |  |
| 9. |  | Distinguish what is cyber terrorism and what is not. Explain the both national and international laws prevailing to act against cyber terrorism. | CO3 | 20 |

ALL THE BEST