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 :** | **14CS3073** | **Duration :** | **3hrs** |
| **Sub. Name :** | **WEB SECURITY** | **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. | List and explain any four techniques used by an attacker. | CO1 | 5 |
| b. | Assume that the confidential data of a corporate sector is transmitted to the cloud and a separate storage space is maintained for the same. In this scenario, depict the various privacy protection techniques to ensure the data privacy. | CO1 | 15 |
| (OR) | | | | |
| 2. | a. | Explain various privacy protection techniques to ensure data privacy. | CO1 | 10 |
| b. | Explain the various attacks on symmetric key algorithms. | CO2 | 10 |
|  |  |  |  |  |
| 3. |  | Describe in detail about Password, Digital Signature and Biometric based digital identification techniques used in security. | CO2 | 20 |
| (OR) | | | | |
| 4. | a. | Explain the various techniques used to protect your e-mail address. | CO1 | 10 |
|  | b. | Write short notes on  i. Issue in distributing keys ii. Various certification authorities. | CO2 | 5+5 |
|  |  |  |  |  |
| 5. | a. | Describe the tools used by attackers to compromise host system. | CO2 | 10 |
|  | b. | What are the things to be avoided when picking up the passwords? | CO1 | 10 |
| (OR) | | | | |
| 6. | a. | Differentiate Active-X controls from Plug-ins. | CO3 | 10 |
|  | b. | Explain the risks of code downloaded from internet. | CO2 | 10 |
|  |  |  |  |  |
| 7. |  | Elucidate how a network admin can make web/HTTP work through a firewall. | CO93 | 20 |
| (OR) | | | | |
| 8. | a. | Describe filtering software and censorship. | CO2 | 10 |
|  | b. | Discuss on Card shark, David.exe and the Chaos Quicken checkout warms | CO2 | 10 |
|  | |  |  |  |
|  | | **Compulsory**: |  |  |
| 9. | a. | Summarize the different categories of intrusion detection system with examples. | CO3 | 10 |
|  | b. | Elaborate the principles of TLS/SSL to authenticate the server and client when data is sent between applications across an untrusted network. | CO3 | 10 |

ALL THE BEST