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

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

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| **Code :** | **17CS3071** | **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. | Explain the architecture of World Wide Web with neat diagram. | CO1, CO2 | 8 |
| b. | Describe in detail about Web services – security. | CO1 | 8 |
| c. | Define roles of Web services. | CO2 | 4 |
| (OR) | | | |  |
| 2. | a. | Explain in detail about cryptography and web security. | CO1, CO2 | 10 |
| b. | Discuss the common threats on the web. | CO2 | 10 |
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| 3. | a. | Explain in detail about JAVA, JAVA SCRIPT. | CO2 | 10 |
| b. | Describe in detail about Digital certificates. | CO3 | 10 |
| (OR) | | | |  |
| 4. | a. | Explain about Digital Identification techniques. | CO1 | 10 |
| b. | Describe in detail about Backup features and Anti Theft features. | CO2 | 10 |
|  | | | | |
| 5. | a. | Describe in detail about client side digital certificate. | CO2 | 8 |
| b. | Explain how to secure web service with example | CO3 | 8 |
| c. | What is code signing and Microsoft Authenticode? | CO3 | 4 |
| (OR) | | | |  |
| 6. | a. | Illustrate certificate authority and server certificates. | CO3 | 10 |
| b. | Explain about securing web applications. | CO4 | 10 |
|  | | | | |
| 7. | a. | Define SSL/TLS in detail. | CO4 | 10 |
| b. | Illustrate in CGI and API Programming. | CO4 | 10 |
| (OR) | | | |  |
| 8. | a. | Describe in detail about Firewall. | CO3 | 10 |
| b. | Explain in detail about Intrusion and Detection system. | CO4 | 10 |
|  |  |  |  |  |
|  | | **Compulsory**: |  |  |
| 9. | a. | Give the difference between Disaster Recovery and Backup. | CO5 | 10 |
| b. | Describe in detail about Censorship Technology. | CO5 | 10 |