**Sample Paper**

Subject Title: Web and Mobile Security/20CST/ITT-333

Time: 3 Hour Maximum Marks: 60

**Instructions: Attempt all questions**

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| Q. No | Statement | CO mapping |
| **Section A**  5 x 2 = 10 marks | | |
| 1 | What do you mean by blue-snarfing. | CO1 |
| 2 | How blue-jacking is done? | CO2 |
| 3 | What are different types of captcha? | CO2 |
| 4 | What is dictionary attack? | CO3 |
| 5 | How ping of death attack is performed ? | CO3 |
| **Section B**  4 x 5 = 20 marks | | |
| 6 | Explain different types of mobile malwares and security practices. | CO2 |
| 7 | What types of attacks are performed through Bluetooth connection? Explain. | CO3 |
| 8 | Explain Attacks and countermeasures for common web authentication. | CO2 |
| 9 | What attacks are performed on VoIP? How is it made secure? Explain. | CO4 |
| **Section C**  3 x 10 = 30 marks | | |
| 10 | Explain mobile malwares in detail. What security practices are applied to keep your Mobile phone safe? Discuss all countermearsures. | CO3 |
| 11 | 1. Why IOS is more secure than android? Explain 2. Elaborate the countermeasures or mitigations for SQL INJECTION attack. | CO4 |
| 12 | How VPN is used to provide security in public network? Explain. | CO5 |