

IT-8001 (CBGS)
B.E. VIII Semester Examination, June 2020
Choice Based Grading System (CBGS)
Information Security
Time : Three Hours

Maximum Marks : 70

- Note:** i) Attempt any five questions out of eight.
ii) All questions carry equal marks.

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| 1. a) List and briefly define types of attacks. | 7 |
| b) Briefly discuss about Substitution Ciphers. | 7 |
| 2. a) Explain RSA algorithm with example. | 7 |
| b) Explain Diffie Hellman key exchange algorithm with example. | 7 |
| 3. a) Explain about security goals. | 7 |
| b) What are the applications of crypto systems? | 7 |
| 4. Briefly discuss about Security Association and Encapsulating Security payload. | 14 |
| 5. a) Discuss about Secure Socket Layer. | 7 |
| b) Briefly discuss about Transport Layer Security. | 7 |
| 6. a) Explain detail Phishing attacks. | 7 |
| b) Explain Cross Site Scripting with example. | 7 |
| 7. a) Briefly discuss about Email security. | 7 |
| b) Write detail about types of Viruses. | 7 |
| 8. Explain the following | 14 |
| a) Types of Firewall | |
| b) Web security and cookies | |
| c) Application level gateway | |
