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## 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.

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

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