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IT-801

B.E. VIII Semester

Examination, June 2015

Information Security

Time: Three Hours   Maximum Marks: 70

Note: 1. Attempt all questions with carry equal marks. 2. Each unit have a internal choice.

## UNIT-I

1. a) Compare output Feedback mode with cipher Feedback mode.

b) Explain the basic principles of information Security?

OR

2. a) With help of a block diagram explain DES Encryption algorithm?

b) Discuss the various types of cryptanalysis attacks?

## UNIT-II

3. a). Write the difference between conventional Encryption and public key encryption?

b) Write a short notes on RSA?

OR

4. a) Explain Hash Function in detail?

b) Describe diffie Hellman key Exchange Algorithm?

## UNIT-III

5. a) Give a overview of transport mode and Tunnel mode? b) Explain secure socket layer?

OR

6. a) Discuss various alert codes of TLS?

b) Explain IP security?

## UNIT-IV

7. Explain cross site scripting and phishing attacks? How can you overcome to cross site scripting?

OR

8. Explain various types of software threats in detail.

## UNIT-V

9. Write a short notes (Any four):

a) Intrusion detection,

b) Packet filters.

c) URL.

d) Web security problem.

e) Cookies.