Code: CS7T5B

IV B.Tech - I Semester – Regular Examinations – November 2015

INFORMATION SECURITY
(COMPUTER SCIENCE AND ENGINEERING)

Duration: 3 hours   Max. Marks: 70

Answer any FIVE questions.   All questions carry equal marks

1. a) Explain about security services .   7 M

   b) Explain about security attacks.   7 M

2. a) Explain about cipher block modes of operation.   7 M

   b) Write about DES in detail.   7 M

3. a) Explain about digital signatures.   7 M

   b) Explain RSA in detail.   7 M

4. Explain about PGP.   14 M

5. a) Explain about key management .   7 M

   b) Explain about authentication header.   7 M

6.   Explain about web security requirements in detail.   14M

7. a) Explain about virus and related threats. 7 M

   b) Explain about SNMPV3. 7 M

8. Explain about firewall design principles. 14 M