

Code No: 07A60503

R07

Set No. 1

III B.Tech II Semester Regular/Supplementary Examinations, May 2010
Information Security
Computer Science And Engineering

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. (a) Explain the benefits of IPSec?
(b) Give an overview of IPSec document? [8+8]
2. (a) Explain how confidentiality service is achieved in public key cryptography?
(b) Explain the operation of Kerberos? [8+8]
3. (a) What is TCP session hijacking?
(b) Explain UDP hijacking? [8+8]
4. (a) Explain the various web security threats?
(b) Explain the significance of dual signature in SET? [8+8]
5. (a) Explain the general structure of private and public key rings?
(b) Explain the PGP trust model?
(c) Explain MIME encoding techniques? [4+4+8]
6. Explain the different types of firewall configurations? [16]
7. (a) What is the role of compression and encryption in the operation of a virus?
(b) Explain the SNMPv3? [8+8]
8. (a) What is the difference between a block cipher and a stream cipher?
(b) What is a product cipher?
(c) Explain the feistel cipher structure? [16]
