

- 14 a) Compare the aggressive mode and main mode of Phase 1 Internet Key Exchange (IKE). (8)
b) How does the stateless cookie protocol provide clogging protection? (6)

Module III

- 15 a) Explain the security mechanism used in Gmail communication. (7)
b) Explain the Signed data and Clear-signed data functions provided by S/MIME. (7)

OR

- 16 a) Differentiate between Pretty Good Privacy and Enhanced Mail (7)
b) Define non-repudiation. Describe the different ways by which it is implemented in email communication (7)

Module IV

- 17 a) Describe any three web security threats, their consequences and countermeasures. (6)
b) Illustrate the sequence of events in Secure Shell (SSH) transport layer protocol packet exchanges. (8)

OR

- 18 a) Explain Secure Socket Layer handshake protocol (7)
b) How does connection initiation is done in HTTPs (7)

Module V

- 19 a) Describe the advantages and disadvantages of application layer firewalls. (7)
b) Explain the security areas addressed by IEEE 802.11i. (7)

OR

- 20 a) Explain the two authentication methods used in Wired Equivalent Privacy (WEP). (8)
b) Describe the three transaction classes provided by Wireless Transaction Protocol. (6)
