Model questions CNS-2

[Each question from Q.1 to Q.10 carries 2 mark , from Q.11 to Q.15 carries 6 marks and from Q.16 to Q.18 carries 10 marks]

1. Define encryption.
2. Give two examples of virus.
3. What is IPSec?
4. What is SHTTP?
5. What is the key length in DES cryptographic standard?
6. Give two cryptographic standards which uses Symmetric key.
7. What is message digest?
8. Define firewall.
9. What is MIME?
10. Differentiate between authorization and authentication.
11. What is VPN? Explain its procedure with neat diagram.
12. Write down different principles of securities with example.
13. Compare between symmetric key cryptography and asymmetric key cryptography.
14. Describe briefly the working of biometric authentication.
15. Explain PKIX model
16. What is Secure Electronic Transaction (SET)? Explain it's process.
17. Describe different types of transposition techniques.
18. What is digital certificate? Explain the process to create the digital certificate.