

Important Question

CT-2

- 1 Write short notes on (i) Diffie-Hellman key exchange (ii) Elliptic curve cryptography
- 2 Discuss message authentication requirement
- 3 Explain in detail about conventional and public key cryptography
- 4 Write short notes on (i) CMAC (ii) HMAC

- 5 Explain IP security with a suitable diagram
- 6 Discuss viruses and related threats
- 7 What is digital signature? Explain the working mechanism of digital signature with a suitable diagram
- 8 Explain the Working of MD5 by giving step-by-step details.
- 9 Explain the concept of PGP. How PGP works.
10. Define Firewall and Malicious Program
- 10 Explain the operation of SHA in detail