

22672

M.Tech. 3rd Semester (CSE)-CBCS Scheme

Examination, November-2023

NETWORK SECURITY

Paper-16CSE23C2

Time allowed : 3 hours]

[Maximum marks : 100

Note : Attempt five questions in all, selecting one question from each unit. Q. No. 1 is compulsory.

1. Write short note on following : 20
- (i) Cryptography
 - (ii) DES
 - (iii) Secure Socket layer
 - (iv) Firewall

Unit-I

2. Describe in detail about OSI Security architecture. 20
3. What do you understand by substitution Techniques in Network security ? 20

Unit-II

4. Explain the following : 20
- (i) Blowfish Algorithm
 - (ii) Advanced Encryption Standard

5. Define Public Key Cryptography. Also explain about Principles of Public Key Cryptography. 20

Unit-III

6. Describe the following : 20

(i) SHTTP

(ii) TLS

7. Explain the following : 20

(i) Electronic Money

(ii) SET

Unit-IV

8. Explain the following : 20

(i) Kerberos

(ii) Role of firewalls

9. Define Intruder. Also explain about Intruder Detection System. 20