

No. of Printed Pages : 4
Roll No.

220863A

**6 th Sem. / Computer Engineering/ Computer
(For Speech and Hearing Impaired)**

Subject : Network Security

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory
(6x1=6)

Q.1 Cipher text is.....

- a) Plain text
- b) Worm
- c) Encrypted text
- d) Backup

Q.2 Full form of MD5 is

- a) Message Digest 5
- b) Masque Digest 5
- c) Manual Decryption5
- d) Message Diagram 5

Q.3 In asymmetric key cryptography, the private key is kept by.....

- a) Sender and Receiver
- b) Sender
- c) Receiver
- d) All devices connected to network

Q.4 Which of the following is NOT a common type of malicious software ?

- a) Virus
- b) Worm
- c) Trojan Horse
- d) Firewall

Q.5 Which type of firewall filters based on predetermined rules about IP addresses, protocols, and ports ?

- a) Stateful firewall
- b) Packet filtering firewall
- c) Application firewall
- d) Proxy firewall

Q.6 What does VLL stand for ?

- a) Virtual Leased Line
- b) Virtual Layout Line
- c) Very Leased Layout
- d) Virtual Leased Layout

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. $(6 \times 1 = 6)$

Q.7 What is IT (Amendment) Act 2008 ?

Q.8 DES stands for

Q.9 Write the names of two types of cryptography .

Q.10 Define Virus

Q.11 What is the full form of IDS ?

Q.12 Define disaster

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. $(8 \times 4 = 32)$

Q.13 What do you mean by encryption and decryption ? Explain with example.

Q.14 What are the different principle of Network Security?

Q.15 Write a short note on DES algorithm.

Q.16 What do you mean by Digital Certificate ? Explain in brief

Q.17 Explain any four viruses .

Q.18 What is a Heuristic scanner ? How is it different from Application level virus scanner ?

Q.19 What is a firewall ? Explain any two type of firewall.

Q.20 Explain the tear drop attack

Q.21 Explain VPN with the help of a diagram .

Q.22 What are the different types of disaster ? Explain in brief

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. $(2 \times 8 = 16)$

Q.23 What is an attack ? What are the various types of attacks ? Explain in detail.

Q.24 What is a cyber security ? Discuss the configuration policy as per standards . Why it is required ?

Q.25 Write short notes on:

a) Ransomware

b) RAID