120862

6th Sem.

Subject : Network Security

Time : 3 Hrs.   M.M. : 100

SECTION-A

Note: Objective type questions. All questions are compulsory   (10x1=10)

Q.1   HTTP stands for _____.

Q.2   Define disposable policy.

Q.3   VPN stands for _____.

Q.4   IDS stands for _____.

Q.5   Mention the use of UPS.

Q.6   Define backup recovery.

Q.7   What is meant by virus.

Q.8   Write down the full from of SSL.

Q.9   What is meant by cipher text.

Q.10   Mention the use of PGP in security.

SECTION-B

Note: Very short answer type questions. Attempt any ten questions out of twelve questions.   (10x2=20)

Q.11   Name any two preventive measures against viruses.

Q.12   Mention the various components of virus.

Q.13   What is meant by application level virus scanners.

Q.14   Mention the types of VPN.

Q.15   What is meant by server disasters.

Q.16   Why do we need hashing.

Q.17   What are tear drop attacks.

Q.18   Define differential backup.

Q.19   What are Trojan horses.

Q.20   Differentiate between inbound and outbound rules.

Q.21 How can we handle cyber assets.

Q.22 What is meant by phreaker.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x5=40)

Q.23 Write a short note on cyber ethics.

Q.24 What are the various things covered in cyber law (IT Act 2000).

Q.25 Define VPN with the help of diagram.

Q.26 Write down the various steps for modifying security policy.

Q.27 Differentiate between symmetric and asymmetric key cryptography.

Q.28 Differentiate between HTTPS and SSH.

Q.29 Define IDS. Mention the limitations of IDS.

Q.30 Explain RSA encryption with diagram.

Q.31 Write a short note on digital signatures.

Q.32 Explain the role of cabling in network disasters.

SECTION-D

Note: Long answer type questions. Attempt any three questions out of four questions. (3x10=30)

Q.33 What is the need of securing a network. Also discuss in brief the principle of security. How can we prevent our system from unauthorized access.

Q.34 Define firewall. Explain the types of firewalls. Also mention the advantages and limitations of firewall.

Q.35 What do you mean by RAID. What are its various levels. Explain in detail.

Q.36 Write a short note on the following:

a) Worms and Trojans.

b) Encryption and decryption.