

No. of Printed Pages : 4 180862/170862/120862
Roll No. /030865A

6th Sem / Comp, IT
Subject:- Network Security

Time : 3Hrs. M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 The process of verifying the identity of a user is called _____. (CO1)
a) Verification b) Identification
c) Validation d) Authentication
- Q.2 Full form of PGP is _____. (CO4)
a) Pretty Good Privacy
b) Protocol Graphics Password
c) Port Good Procedure
d) Protocol Grey policy
- Q.3 Full form of MD5 is _____. (CO1)
a) Modification Decryption5
b) Message Digest 5
c) Manual Decryption
d) Masque Digest 5
- Q.4 Full form of SSL is _____. (CO1)
a) Security Sound Layer
b) Slow Socket layer
c) Secure Socket Layer
d) Symmetric Secure Layer

- Q.5 Full form of VPN is _____. (CO1)
a) Very Protocol Network
b) Virus Part Network
c) Valid Preventive Node
d) Virtual Private Network
- Q.6 Public key cryptography is also known as _____. (CO1)
a) Asymmetric key Cryptography
b) Symmetric key cryptography
c) Symmetric and asymmetric both
d) None of the above
- Q.7 Which of the following is the main function of firewall (CO5)
a) Moving b) Monitoring
c) Virus d) Intrusion
- Q.8 Pretty Good privacy is used in _____. (CO4)
a) Email security b) Encrypted text
c) Trojan d) RAID
- Q.9 Cipher text is _____. (CO1)
a) Plain text b) Worm
c) Encrypted text d) Backup
- Q.10 _____ is used to validate the identity of the message sender to recipient (CO1)
a) FTP b) Digital certificate
c) Clustering d) Access control

SECTION-B

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

- Q.11 Write two types of cryptography. (CO1)
- Q.12 _____ are the hackers with interest in telephone and telepphone networks. (CO1)
- Q.13 Full form of HTTPS is _____. (CO1)
- Q.14 Write two advantages of VPN. (CO1)
- Q.15 Define VPN. (CO1)
- Q.16 Define network security. (CO1)
- Q.17 Define bluejacking. (CO1)
- Q.18 VPN uses _____ for security reason. (CO1)
- Q.19 Write the name of two basic type of VPN (CO1)
- Q.20 Define cyber assets. (CO1)

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Explain the five principles of network security. (CO1)
- Q.22 Explain five attacks. (CO2)
- Q.23 Draw a well labeled diagram of VPN. (CO1)
- Q.24 Differentiate between active and passive attack. (CO2)
- Q.25 Explain the symmetric and asymmetric key cryptography. (CO1)

(3) 180862/170862/120862
/030865A

- Q.26 Explain the tear drop attack. (CO1)
- Q.27 Explain the preventative measures for virus, worm and trojan. (CO1)
- Q.28 Differentiate between encryption and decryption of data. (CO1)
- Q.29 Define virus. Explain four viruses. (CO1)
- Q.30 Define heuristic scanners. How they are different from other virus scanners. (CO1)
- Q.31 Explain disposable policy of cyber assets. (CO1)
- Q.32 Explain key exchanging. (CO1)
- Q.33 Define network disaster. Explain the 4 reasons of network disaster. (CO6)
- Q.34 Why cyber security is important? (CO3)
- Q.35 Explain zombie and ransomware. (CO1)

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Write note on the following:
- a) IPSec (CO1)
- b) UPS (CO6)
- Q.37 Define firewall. Explain the types of firewalls. (CO5)
- Q.38 Define IDS. Explain various types of IDS. (CO5)

(1460)

(4) 180862/170862/120862
/030865A