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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

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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 telephne 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)

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- 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)

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