Code No: 56030   **Set No. 1**

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
III B.Tech. II Sem., II Mid-Term Examinations, April – 2014
NETWORK SECURITY
Objective Exam

Name: _____ Hall Ticket No. ☐☐☐☐☐ A ☐☐☐☐

Answer All Questions. All Questions Carry Equal Marks.Time: 20 Min. Marks: 10.

I   **Choose the correct alternative:**

1.   IPsec provides security services at the _____ layer   [   ]
      A. Data link   B. Network   C. Transport   D. Application

2.   In IP Security, new IP header is available in _____   [   ]
      A. Transport mode   B. tunnel   C. SA   D. IPv4

3.   ESP is used to encrypt an entire IP packet in   [   ]
      A. Transport mode   B. tunnel   C.SA   D. IPv4

4.   Firewall does not operate at the level of ____ layer   [   ]
      A. Data link   B. network   C. Transport   D. Application

5.   SNMP uses _____ for sending messages   [   ]
      A. IP & UDP   B. IP & TCP   C IPv4   D.IPv6

6.   Two PDUs, GetBulkRequest and InformRequest are **not** available in   [   ]
      A. SNMPv1   B. SNMPv2   C. SNMPv3   D. All SNMP versions

7.   SNMP operates in the _____ layer   [   ]
      A. Application Layer   B Transport   C. Network   D.Data link

8.   SNMP stands for -_____.   [   ]
      A. Simple Networking Measurement Protocol   B. Standard Networking Management Protocol
      C. Standard network management protocol   D. Simple Network Management Protoco

9.   Firewall does not operate at the level of ____ layer.   [   ]
      A. Data link   B. Network   C. Transport   D. Application

10.   Secure electronic transaction (SET) is for the security of ____   [   ]
      A. E-mail   B. e-commerce   C. Credit card transactions   D. network

II   Fill in the blanks

11.   Intrusion Detection systems(IDS) depends largely on behaviour patterns other than normal known as _____ system.

12.   _____ is a malicious program created to cause damage which does not require support of any host program.

13.   _____regulates the access of subjects to objects on basis of security parameters in a trusted system.

14.   A _____ attack is one in which an attacker obtains a copy of an authenticated packet and later transmits it (can be more then once) to the intended destination.

15.   The Nonce and timestamp field is designed to thwart _____ attacks.

16.   The internet standard version of SSL is known as _____.

17.   The authentication between various stake holders of SET(Secure Electronic transaction) such as merchant, card holder, issuer, acquirer etc is done by a _____.

18.   The language used in SNMP is _____.

19.   The full form of ISAKMP is _____.

20.   The _____ Protocol is a key-agreement protocol that allows authenticated parties to exchange keying material across an insecure connection using the Diffie–Hellman key exchange algorithm.

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Code No: 56030   **Set No. 2**

Name: _____ Hall Ticket No. ☐☐☐☐☐**A**☐☐☐☐

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1.   Firewall does not operate at the level of ____ layer   [   ]
        A. Data link   B. network   C. Transport   D. Application

2.   SNMP uses _____ for sending messages   [   ]
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