MSEI-022 (P)

POST GRADUATE DIPLOMA IN INFORMATION SECURITY (PGDIS)

Term-End Practical Examination

December, 2018

MSEI-022 (P) : NETWORK SECURITY

Time : 3 hours   *Maximum Marks : 100*

Note :   (i)   *Attempt any two out of three questions carrying 40 marks each.*

(ii)   *Viva-voce carries 20 marks.*

1. Implement any IDS (Intrusion Detection System)   **40**
    and generate the report of five port scanning
    attacks implemented on the target system.
    Implement the Firewall to block the ICMP
    Protocol.

2. Scan the network and create the list of IP Address   **40**
    with relevant details of all the PC's available in
    the LAN and find the network Vulnerabilities in
    the entire network.

3. Write a program to accept a string S and an   **40**
    integer *x* from the user.

    Apply the following algorithm on the string :

    Encryption : For each ch in S
                 ch = ch + x
    Decryption : Reverse of Encryption function
    Use any programming language (Preferably
    C/Java)