POST GRADUATE DIPLOMA IN INFORMATION SECURITY (PGDIS)

Term-End Practical Examination

June, 2018

MSEI-022 (P) : NETWORK SECURITY

Time : 3 hours   *Maximum Marks : 100*

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

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

1.   Randomly select Ten systems from the Network.   **40**
Divide them in two Groups G1 and G2 with five systems in each group.
Perform necessary security audit of systems in both G1 and G2. Prepare a report of security threats and Vulnerability assessment.
Provide a conclusion, based on above report as to which group is more secure and why ?

2.   Generate digital signature using Hash Code.   **40**

3.   Implement any IDS (Intrusion Detection System)   **40**
and generate the report of live port scanning attacks implemented on the target system. Implement the firewall to block the HTTP protocol.