

**POST GRADUATE DIPLOMA IN
INFORMATION SECURITY (PGDIS)**

Term-End Practical Examination

June, 2015

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. Implement any Network Sniffer and filter the packets on the basis of following condition where : **40**
 - (a) The IP Source is X.X.X.X
 - (b) The HTTP request method is POST.
 - (c) Display the list of packets of only HTTP Protocol.
 - (d) Try to retrieve the passwords transferred from HTTP POST method.

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

3. Calculate the MD5 hash value for any file or folder and copy the file or folder to some other location on the network and then recalculate the MD5 and compare whether the value of MD5 is same or different. By using the steganography tool try to hide and reveal the file from the Image. **40**
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