MSEI-022 (P)

POST GRADUATE DIPLOMA IN INFORMATION SECURITY (PGDIS)
Term-End Practical Examination
December, 2014

00434

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. 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 the same or different. Write a program to create the function for Data Encryption and generate the Cipher text.   *40*

2. Perform the Vulnerability assessment of any 2 computer systems of the Network and apply any 4 attacks on the specified hosts and generate the lists of the impacts for those attacks. Also prepare the Audit Report.   *40*

3. 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 ICMP Protocol.   *40*

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