

POST GRADUATE DIPLOMA IN INFORMATION SECURITY (PGDIS)

Term-End Practical Examination

00172

June, 2014

MSEI-021 (P) : INTRODUCTION TO INFORMATION SECURITY

Time : 3 hours

Maximum Marks : 100

Note : (i) *Attempt any two questions out of three. Each question carries 40 marks.*
(ii) *Viva-voce carries 20 marks.*

1. Implement the SAMBA server and share at least 4 folders to the specific user with passkey authentication where the conditions are as following for the folders : 40
 - Folder 1 : Permitted to "user1" with read and write permission.
 - Folder 2 : Permitted to "user2" with read and write permission.
 - Folder 3 : Permitted to "user1" with read only permission and permitted to "user2" with read and write permission.
 - Folder 4 : Permitted to "user2" with read only permission and no permission to "user1".

 2. Define the topology used in LAN and scan the network with their IP, MAC Address, Host Name, User Name and with their operating system details of at least 10 machines, etc. and finally generate the report. 40

 3. Try to use any sniffer and filter the ARP captured packets and list the MAC address, which were broadcasted to the network with their details and finally generate the report. Recommended to capture at least 10 ARP packets. 40
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