POST GRADUATE DIPLOMA IN INFORMATION SECURITY (PGDIS)

Term-End Practical Examination

June, 2018

MSEI-021 (P) : INTRODUCTION TO INFORMATION SECURITY

Time : 3 hours   *Maximum Marks : 100*

Note :   (i)   *Attempt 2 out of 3 questions. Each carries 40 marks.*

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

1.   Apply OS Hardening Techniques on the system   **40**
     as mentioned below :
     (a)   Create the user with limited Permissions.
     (b)   How to change the user password from the Command Line ?
     (c)   Hide files and folders using Command Prompt.
     (d)   List all the running tasks using Command Line.

2.   Identify Network details as given below using   **40**
     command line only.
     (a)   Save your complete IP details in the file.
     (b)   Find files opened by Network users.
     (c)   Monitor port activity.
     (d)   Find DNS/NS details of any domain.

3. Apply information gathering/social engineering **40**
   Tools to recover details for any domain Name
   which includes the following features :
   Domain Name IP address (IPV4/IPV6)
   Geographical location, Contact details of the Site
   Registrar, Site Administrator, Hosting server
   details, Domain Expiry details etc. Moreover find
   Social Network existence of the contact person
   like facebook ID/Twitter or Linkedin ID's etc.
   associated to the selected domain. Finally generate
   the report.

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