SPC

MELH-3
1

CBCS Scheme

16/17SFC11

First Semester M.Tech. Degree Examination, June/July 2018
Ethical Hacking

Time: 3 hrs.   Max. Marks: 80

Note: *Answer FIVE full questions, choosing one full question from each module.*

Module-1

1   a. What is foot prinitng? List the different environments and the critical information an attacker will try to identify.   **(08 Marks)**
    b. Discuss detection of operating system and probes sent to identify operating system on the target system.   **(08 Marks)**

OR

2   a. What is banner grabbing? Discuss AS/400 error messages provided by shalom.   **(08 Marks)**
    b. Discuss DNS enumeration counter measures.   **(04 Marks)**
    c. List and explain common Net BIOS service codes.   **(04 Marks)**

Module-2

3   a. What is vulnerability mapping? List and explain different methods used by an attacker to accomplish this task.   **(04 Marks)**
    b. With neat diagram explain contents of security descriptor.   **(04 Marks)**
    c. Discuss common type of remote attacks.   **(08 Marks)**

OR

4   a. Discuss different types of access control.   **(08 Marks)**
    b. Explain working of DACL.   **(08 Marks)**

Module-3

5   a. What is war dialing? Briefly discuss the different considerations for war dialing. **(08 Marks)**
    b. Discuss dial up security measures in detail.   **(08 Marks)**

OR

6   a. List the important factors need to be identified for Brute-force scripting. **(08 Marks)**
    b. List and explain guidelines to keep your private information private.   **(04 Marks)**
    c. Briefly explain how RIP attack works.   **(04 Marks)**

Module-4

7   a. Briefly discuss wireless scanning and enumeration.   **(08 Marks)**
    b. Discuss various ways to obtain SSID.   **(08 Marks)**

OR

8   a. Explain packet filtering in detail.   **(08 Marks)**
    b. Bring out the important features of DOS attack.   **(08 Marks)**

Module-5

9   a. What are the features focused by web application attacks? List and explain common tools used to perform web application hacking.   **(08 Marks)**
    b. Discuss various SQL injection counter measures.   **(04 Marks)**
    c. Explain recommended approaches for preventing cross site scripting attacks. **(04 Marks)**

OR

10 a. Write a note on the following:
        (i) SSL   (ii) E-mail hacking.   **(08 Marks)**
    b. Explain different categories of web server vulnerabilities.   **(08 Marks)**

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