Code No: 845AF

R17

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
MCA V Semester Examinations, December - 2019
ETHICAL HACKING

Time: 3hrs   Max.Marks:75

Note: This question paper contains two parts A and B.
Part A is compulsory which carries 25 marks. Answer all questions in Part A. Part B
consists of 5 Units. Answer any one full question from each unit. Each question carries
10 marks and may have a, b, c as sub questions.

PART - A

5 × 5 Marks = 25

1.a)	Explain the fundamental drivers for hackers.	[5]
b)	Explain the need of a security policy.	[5]
c)	Explain internet reconnaissance.	[5]
d)	Explain UDP and TCP scanning.	[5]
e)	What are aligning findings?	[5]

PART - B

5 × 10 Marks = 50

2.   Explain the Defense-in-Depth within Security Architecture.   [10]

OR

3.   Describe the component parts of information security programs.   [10]

4.a)   Explain the security policy structure.
  b)   Explain the various security threats and challenges faced by companies/Businesses.
                                                                                  [5+5]

OR

5.a)   Explain the various imposed limitations imposed on a security consultant.
  b)   Explain the Pros and Cons of Multi-Phased Attacks (parallel).   [5+5]

6.a)   Explain the attributes to building an attacking system.
  b)   Explain the managing the engagement with respect to ethical hacking.   [5+5]

OR

7.   Give a short note on   a) Social Engineering   b) Physical security.   [5+5]

8.a)   Explain the different enumeration techniques.
  b)   Describe how enumeration is used to perform vulnerability analysis.   [5+5]

OR

9.   Explain the following with respect to exploitation
        a) Threads and Groups   b) Password Crackers.   [5+5]

10.a)   Explain the overall structure of a deliverable in ethical hacking.
  b)   How are the deliverables that provides information detailing the security issues are
        presented to the company?   [5+5]

OR

11.a)   What is CERT? Explain the CERT Services.
  b)   Explain how incident management is done in ethical hacking?   [5+5]