

Code No.: CY624PE

R20

H.T.No.

8 R

CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS
III-B.TECH-II-Semester End Examinations (Supply) - January- 2024
ETHICAL HACKING
(CSC)

[Time: 3 Hours]

[Max. Marks: 70]

Note: This question paper contains two parts A and B.

Part A is compulsory which carries 20 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

(20 Marks)

1. a) Define Hack Value. [2M]
- b) Which attacks can be prepared by a hacker against an organization with weak physical security controls? [2M]
- c) List multi phased attacks. [2M]
- d) What is a source point? [2M]
- e) Define Reconnaissance. [2M]
- f) What is internet reconnaissance? [2M]
- g) List elements of enumeration. [2M]
- h) What is the role of thread in exploitation? [2M]
- i) How to align findings? [2M]
- j) What is a deliverable? [2M]

PART-B

(50 Marks)

2. Explain in detail the elements/principles of information security. [10M]
- OR**
3. Compare hacking and ethical hacking. What are the effects of hacking on business? [10M]
4. What are the different attack vectors through which the attacker can attack information system? Explain. [10M]
- OR**
5. What is information security policies? What are its goal? [10M]
6. Describe Social Engineering in detail. [10M]
- OR**
7. Illustrate the role of physical security in reconnaissance. [10M]
8. Explain the different services with their port numbers to enumerate. [10M]
- OR**
9. Discuss about intuitive testing and evasion of enumeration. [10M]
10. How to integrate the results and summary? [10M]
- OR**
11. Explain the procedure of defense panning and incident management. [10M]
