

Code No.: CY613OE

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**CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS**

**III-B.TECH-II-Semester End Examinations (Regular) - May- 2023
FUNDAMENTALS OF ETHICAL HACKING
(CSM)**

[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) List the 4 different advantages of ethical hacking. [2M]
- b) Why the computer security is needed? [2M]
- c) List the importance of security policy? [2M]
- d) Outline the advantages of timing of information. [2M]
- e) What is meant by "baseline a standard build"? [2M]
- f) What is dumpster diving? [2M]
- g) What is Enumeration? [2M]
- h) What is soft objective? [2M]
- i) What is final analysis? [2M]
- j) What is incident management? [2M]

PART-B

(50 Marks)

- 2.a) List the major categories of hacking impacts? [5M]
 - b) What are the different types of hackers? Explain. [5M]
- OR**
3. Discuss the ethical hacking framework. [10M]
 4. Analyze how a controlled attack is planned. [10M]
- OR**
5. Analyze the advantages and disadvantages of multi phased attacks. [10M]
 6. Discuss the technical preparation needed for preparing for a hack. [10M]
- OR**
7. Write a short note on:
 - a) Physical security. [5M]
 - b) Internet reconnaissance. [5M]
 8. Explain the various enumeration technologies available. [10M]
- OR**
9. List the elements of enumeration? [10M]
 10. Discuss the overall format of the deliverable. [10M]
- OR**
- 11.a) Analyze integration summary. [5M]
 - b) Discuss mitigation. [5M]
