

Code No.: IT851PE

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H.T.No.

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**CMR ENGINEERING COLLEGE: : HYDERABAD**

**UGC AUTONOMOUS**

**IV-B.TECH-II-Semester End Examinations (Regular) – April - 2024**

**ETHICAL HACKING**

**(IT)**

**[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 hacking? [2M]
- b) Define security models. [2M]
- c) Define the test result. [2M]
- d) Define types of attacks. [2M]
- e) Define technical planning? [2M]
- f) Define managing the engagements. [2M]
- g) List the several ways for a tester to be detected attacking an organization. [2M]
- h) List the different types of OS. [2M]
- i) Describe the incident management. [2M]
- j) List the categories of results. [2M]

**PART-B**

**(50 Marks)**

2. Explain the concept of Application Security. [10M]
- OR**
3. Illustrate the Pros and Cons of Ethical Hacking and Risk Analysis. [10M]
4. Explain the concept of Security Policy with respect to the Business Perspective. [10M]
- OR**
5. What are the attacks and explain multi-phased attacks. [10M]
6. Illustrate the concept of Internet Reconnaissance. [10M]
- OR**
7. Illustrate the concepts of Observation and Dumpster Diving with respect to Physical Security. [10M]
8. Elaborate the various Enumeration Techniques. [10M]
- OR**
9. Discuss the concept of Wardialing. [10M]
- OR**
10. Explain the Overall format of the document. [10M]
- OR**
11. Explain how the findings are aligned. [10M]

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