

Code No.: CY405PC

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**CMR ENGINEERING COLLEGE: : HYDERABAD**  
**UGC AUTONOMOUS**  
**II-B.TECH-II-Semester End Examinations (Supply) - February- 2023**  
**INTRODUCTION TO CYBER SECURITY**  
**(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) Write the layers of security. [2M]
- b) Differences between passive and active attacks? [2M]
- c) Specify two reasons for need of computer forensics. [2M]
- d) Discuss role of international law. [2M]
- e) What is meant by email spoofing? [2M]
- f) Define web jacking. [2M]
- g) Discuss Software Piracy and Crime related to IPR. [2M]
- h) What are security risks for organizations? [2M]
- i) Name the data privacy attacks. [2M]
- j) What is meant by profiling? [2M]

**PART-B**

**(50 Marks)**

2. Explain different types of cyber threats? [10M]
- OR**
3. Compare software attacks and hardware attacks? [10M]
4. Outline digital forensics life cycle with neat diagram. [10M]
- OR**
5. Summarize national cyber security policy. [10M]
6. Demonstrate organizational security policies and measures in mobile computing era. [10M]
- OR**
7. Write about registry settings for mobile devices. [10M]
8. Elaborate intellectual property in the cyberspace. [10M]
- OR**
9. Explain web threats for organizations? [10M]
- OR**
10. Explain mini-case financial frauds in cyber domain. [10M]
- OR**
11. Explain data privacy issues policies and specifications. [10M]

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