Code No.: CY405PC R20 H.T.No. [ ][8][R][ ][ ][ ][ ]

CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS
II–B.TECH–II–Semester End Examinations (Supply) - February- 2024
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) Define cyber security. [2M]
   b) What is cyber terrorism? [2M]
   c) Define cyber law. [2M]
   d) What is meant by digital evidence? [2M]
   e) List the attacks on mobile devices. [2M]
   f) Write the security implications for an organization. [2M]
   g) Define security risk. [2M]
   h) Define Intellectual property right (IPR). [2M]
   i) List various data privacy attacks. [2M]
   j) Explain data privacy policies. [2M]

PART-B (50 Marks)

2. Explain different types of Attacks. How they affect the system? [10M]

OR

3. Discuss about Cyber Security Models. [10M]

4. Illustrate about various approaches that are used for e-mail forensic. [10M]

OR

5. What is the need for cyber forensics? Discuss briefly about the Digital Forensic Life Cycle. [10M]

6. Explain the physical security countermeasures for laptops. [10M]

OR

7. Explain the operating guidelines for implementing mobile device security policies. [10M]

8. Explain the organizational implications of software piracy. Compare between the security and privacy. [10M]

OR

9. Discuss about Intellectual property in cyber space. [10M]

10. Discuss briefly about the financial frauds in cyber domain. [10M]

OR

11. Explain the data linking and profiling. How privacy is provided in medical domain. [10M]

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