

Code No.: CY733PE

R20

H.T.No.

		8	R							
--	--	---	---	--	--	--	--	--	--	--

CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS
IV-B.TECH-I-Semester End Examinations (Regular) - November- 2023
CYBER FORENSICS
(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 worm. [2M]
- b) What is digital forensics? [2M]
- c) What is volatile data in Linux system? [2M]
- d) What is a forensic duplicate? [2M]
- e) List out data hiding techniques? [2M]
- f) Name some network tools. [2M]
- g) List out current forensic tools. [2M]
- h) Is sending unauthorized email is cyber crime? [2M]
- i) Which is better NTFS? [2M]
- j) What is Windows registry used for? [2M]

PART-B

(50 Marks)

2. What are the incident response steps in cyber forensics? [10M]
- OR**
3. List the types of Internet crime with example? [10M]
4. What is forensic duplication? why it is needed? [10M]
- OR**
5. What is volatile evidence? How it is useful in computer forensic investigation? [10M]
Explain the method and tools for capturing volatile data.
6. Explain honey potting method of evidence collection? [10M]
- OR**
7. How digital evidences are controlled from contamination? [10M]
8. What are the duties and support functions of a Computer Forensic investigator? [10M]
- OR**
9. What are the methods of email forensic investigation? [10M]
10. How to do a full disk encryption? What tool is used for whole disk encryption? [10M]
- OR**
11. What is Windows registry used for? What are 6 main registry keys? [10M]
