6. Describe different data-hiding methods and discuss how forensic investigators [10M]

OR [10M] [10M] tools for a case. OR

PART-A (20 Marks) 1. a) What is cybercrime? [2M] How does a computer worm spread? b) [2M] Which command in Unix helps capture active network connections? [2M] c) Why is write-blocking used during forensic duplication? d) [2M] Give two examples of data-hiding techniques used by cybercriminals. e) [2M] f) What is network forensics? [2M] What is the role of automation in forensic tools? [2M] g) h) How can forensic investigators trace the origin of an e-mail? [2M] What is a file system, and why is it important in digital forensics? i) [2M] [2M]

UGC AUTONOMOUS IV-B.TECH-II-Semester End Examinations (Regular) - April - 2025 **CYBER FORENSICS** (\mathbf{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.

CMR ENGINEERING COLLEGE: : HYDERABAD

R20

(50 Marks)

[10M]

[10M]

[10M]

[10M]

[10M]

[10M]

[10M]

H.T.No.

8 R

