


Name:			
Enrolment No:			
UPES End Semester Examination, December 2023			
Course: Data Recovery & Analysis Program: MCA Course Code: CSCS8006P		Semester: 3 Time: 03 hrs. Max. Marks: 100	
Instructions:			
SECTION A (5Qx4M=20Marks)			
S. No.		Marks	CO
Q 1	Describe the objective of computer forensics.	4	CO1
Q 2	Describe the steganography-based data-hiding process.	4	CO3
Q 3	Explain the Process for analyzing the Honeynet Project.	4	CO3
Q 4	Describe the process for tracking down an email.	4	CO2
Q 5	What does "encrypting a disc" mean?	4	CO2
SECTION B (4Qx10M= 40 Marks)			
Q 6	Describe any two software tools used in computer forensics.	10	CO1
Q 7	What are the real-world implications and approaches for computer image validation and verification?	10	CO2
Q 8	Describe the procedure used to gather evidence from incident scenes in the private sector.	10	CO3
Q 9	Which physical instruments are employed in computer forensics? OR How is ethical hacking including network host hacking carried out? Give an explanation.	10	CO2
SECTION-C (2Qx20M=40 Marks)			
Q 10	What does data concealing entail? Describe two methods for hiding information through data.	20	CO3
Q 11	Write short note on: a. Steganography b. Chain of custody c. Role of backup in recovery d. Forensic services	20	CO1 CO2

	<p>OR</p> <p>Describe the technical surveillance tools used in forensic analysis and identification.</p>		
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