


Name:			
Enrolment No:			
UPES End Semester Examination, May 2023			
Course: Digital Forensics II Program: B. Tech SOL CSE LLB Course Code: CSSF4004		Semester: XII Time : 03 hrs. Max. Marks: 100	
Instructions:			
SECTION A (5 Q x 2 M = 10 Marks)			
S. No.		Marks	CO
Q 1	Describe Cybercrime.	2	CO1
Q 2	How different is Cybercrime from traditional criminal activity?	2	CO2
Q 3	Which information you will collect before switching off the computer system. Also, explain its role in digital forensic investigation.	2	CO1
Q 4	Describe the goals of Digital Forensics.	2	CO2
Q 5	How are computer systems used in Cyber Crimes.	2	CO1
SECTION B (4Qx5M= 20 Marks)			
Q 6	You are a computer forensic examiner and want to determine whether a user has opened or double-clicked a file. What folder would you look in for a windows operating system artefact for this user activity? Support your answer with valid explanation.	5	CO1
Q 7	Discuss the importance of Digital Forensics readiness.	5	CO1
Q 8	As per your understanding, describe the legal aspects of Cyber Stalking and Defamation according to Indian Cyber Laws?	5	CO2
Q 9	Discuss the three formats in which data is acquired. How Digital Evidence Acquisition is done and how it is authenticated?	5	CO2
SECTION-C (2Qx10M=20 Marks)			

Q 10	A forensic image can have different file formats; some are free and others are proprietary formats developed by the company behind the forensic software used to create the forensic image. Discuss the various forensics image file formats.	10	CO1
Q 11	What do you understand by Virtual Memory or Swap Space. What considerations should be kept in mind when doing live acquisitions?	10	CO2
SECTION-D (2Qx25M=50 Marks)			
Q 12	AS the Digital Forensics investigator, you have been apprehended a Windows 10 OS laptop, how will go about investigating that Windows OS for forensics artifacts?	25	CO4
Q 13	Discuss the investigation process of Emails and Web Browsers during forensic artifact investigations?	25	CO3