School of Computing Science and Engineering
B.Tech CSE
ETE - Jun 2023

Time : 3 Hours   Marks : 100

Sem IV - E2UG401B - Computer Forensics
Your answer should be specific to the question asked
Draw neat labeled diagrams wherever necessary

1.	Illustrate the services provided by the computer forensics.	K2 CO1 (5)
2.	What is the role of digital forensics in crime investigation?	K1 CO1 (5)
3.	Construct all the techniques used for the remote network acquisition in cyber forensics.	K3 CO2 (5)
4.	Define the concept of volatile and non-volatile data in computer forensics. Provide examples of each.	K1 CO1 (10)
5.	Classify the digital evidence preservation techniques used in Computer Forensics.	K4 CO3 (10)
6.	Distinguish between the following: i. Network Forensics Vs Mobile Forensics ii. Cryptography Vs Steganography	K4 CO3 (10)

OR

	Analyze the process of email evidence collection in Victim PC.	K4 CO3 (10)
7.	Demonstrate the various methods used for the data hiding in digital forensics.	K2 CO1 (10)
8.	Make use of the following computer forensics tools: i. Wireshark ii. LogRhythm iii. Sleuth Kit And Autopsy iv. Ophcrack v. SNORT	K3 CO2 (15)
9.	Identify all the sources of digital evidence in computer forensics.	K3 CO2 (15)
10.	Contrast the emerging trends and advancements in computer forensics, such as cloud forensics and mobile device forensics.	K4 CO3 (15)

OR

	Alice was concerned that his son was accessing some unwanted websites through Internet enabled Desktop. Each time the Desktop was checked by the technician, no evidence was found. Analyze the above case by applying the digital forensics investigation process.	K4 CO3 (15)