21CSCS4E4CL

Sl. No.

M.Sc. IV Semester Degree Examination, October - 2023
MASTER OF COMPUTER SCIENCE
Computer Forensic and Cyber Security
(NEP)

Time : 3 Hours   Maximum Marks : 70

Instruction : *Answer **any five** questions. (Question No. **1** is **compulsory**)*

1.	(a)	What is computer forensics and explain the cardinal rules ?	**7**
	(b)	Explain the data acquisition process in computer forensics.	**7**
2.	(a)	Define digital forensics and explain the steps to handle electronic evidence during investigation.	**7**
	(b)	Explain the process of electronic evidence collection.	**7**
3.	(a)	Define forensic image. List out the disk imaging tools and explain any two.	**7**
	(b)	What is Anti Forensics ? Enlist the goals of Anti Forensics.	**7**
4.	(a)	List out and explain the different types of forensic software.	**7**
	(b)	Explain the handling techniques for forensic software.	**7**
5.	(a)	How we can prevent the cyber crimes ? Explain in your own way.	**7**
	(b)	List out the malicious code forms. How we can detect and remove the malicious code from computer ?	**7**
6.	(a)	Differentiate between hacking and cracking.	**7**
	(b)	Explain the different types of evidence which we can extract from SIM.	**7**
7.	(a)	Explain the usage of face and iris recognition in investigation.	**7**
	(b)	Write a note on history of internet.	**7**
8.	(a)	Give some key points to protect the computer from virus attacks.	**5**
	(b)	Define data recovery in digital forensics. List out the data recovery tools and explain any two.	**5**
	(c)	Explain audio and video evidence presentation process.	**4**

- o 0 o -