K. J. Somaiya Institute of Technology, Sion, Mumbai-22
(Autonomous College Affiliated to University of Mumbai)

April – May 2023
(B.Tech.) Program: (Computer Engineering) Scheme II
Examination: LY Semester: VIII
Course Code: CEDLC8023 and Course Name: Digital Forensics

Date of Exam: 16/5/2023 Duration: 2.5 Hours Max. Marks: 60

Instructions:
(1)All questions are compulsory.
(2)Draw neat diagrams wherever applicable.
(3)Assume suitable data, if necessary.

		Max. Marks	CO	BT level
Q 1	Solve any six questions out of eight:	12		
i)	Discuss computers' role in crime.		1	U
ii)	Discuss the admissibility of evidence.		2	U
iii)	Describe different types of evidence.		3	U
iv)	How to trace email sender location.		4	U
v)	Discuss different attacks in network.		4	U
vi)	What is Qualified Forensics duplicate.		2	U
vii)	Discuss different hacker tools used by hackers.		5	U
viii)	Draw a template for computer forensics reports.		6	U
Q.2	Solve any four questions out of six.	16		
i)	Explain the term Cyber terrorism with examples		1	U
ii)	Explain importance of forensic duplication and its method.		2	U
iii)	What are the challenges in evidence handling.		3	A
iv)	Describe different types of Intrusion Detection System (IDS)		4	U
v)	Discuss how to investigate Windows live system.		5	U
vi)	What are Computer Forensics report goals.		6	U
Q.3	Solve any two questions out of three.	16		

K. J. Somaiya Institute of Technology, Sion, Mumbai-22
(Autonomous College Affiliated to University of Mumbai)

April – May 2023
(B.Tech.) Program: (Computer Engineering) Scheme II
Examination: LY Semester: VIII
Course Code: CEDLC8023 and Course Name: Digital Forensics

Date of Exam: 16/5/2023 Duration: 2.5 Hours Max. Marks: 60

i)	Explain Incident Response Methodology with a neat diagram.		1	U
ii)	Explain procedure to investigate router.		4	U
iii)	Discuss Data analysis techniques in detail.		5	U
Q.4	Solve any two questions out of three.	16		
i)	Explain volatile data collection procedure for unix system		2	U
ii)	Explain the steps involved in computer evidence handling in detail.		3	U
iii)	Explain guidelines for incident report writing. Give one report writing example.		6	U

****