Roll No: | | | | | | | | | | | |

GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS

PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956
Approved by AICTE, New Delhi | Approved By BCI
Bengaluru

Mid Term Examinations - October 2026

Date: 05/10/2026 **Time:** 02:00 PM - 03:30 PM

Course Code: CCS2500 **Course Name:** Cyber Forensics

Semester: Fifth Semester **Max. Marks:** 50 **Weightage:** 50%

CO - Levels	CO1	CO2
Marks	90	90

PART A: Answer Following Questions. 10 M

Q.N.	Questions	M	CO	BT
1	Define computer crime with an example.	2	CO1	BT1
2	Mention any two principles of handling digital evidence.	2	CO1	BT2
3	What is the forensic importance of metadata in a Word document?	2	CO2	BT2
4	List any two forensic tools used for artifact extraction.	2	CO2	BT1
5	Why is temporal reconstruction important in cyber forensic investigations?	2	CO1	BT2

PART B : Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
6	Explain the steps of the Digital Forensics Lifecycle with examples.	10	CO1	BT2
7	Apply the lifecycle approach to investigate a phishing case where user credentials were stolen.	10	CO1	BT3

PART C: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
8	Discuss the categories of computer crimes with suitable examples.	10	CO1	BT2
9	Analyze a real-world ransomware case and explain its modus operandi, motive, and technology used.	10	CO1	BT4

PART D: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
10	Convert the following ASCII hexadecimal codes into text: 46 6F 72 65 6E 73 69 63	10	CO2	BT3
11	Explain the logical structure of optical media and its forensic relevance.	10	CO2	BT2

PART E: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
12	Apply artifact extraction methods to prove user activity in a data theft investigation.	10	CO2	BT3

13	What are digital artifacts? Explain any four types of artifacts used to identify user activity in a data theft investigation.	10	CO2	BT2