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: 09/10/2026 **Time:** 02:00 PM - 03:30 PM

Course Code: CCS2503 **Course Name:** Cyber Security

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

CO - Levels	CO1	CO2
Marks	44	46

PART A: Answer Following Questions. 10 M

Q.N.	Questions	M	CO	BT
1	List any four principles of computer ethics.	2	CO1	BT1
2	Mention any four guidelines for securing a web browser.	2	CO1	BT1
3	Describe the purpose of DNS in network communication.	2	CO2	BT2
4	Differentiate between a virus and a worm.	2	CO2	BT2
5	State any two functions of a personal firewall.	2	CO2	BT1

PART B : Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
6	Explain the evolution of the Internet from ARPANET to the modern Internet and analyze its impact on society.	10	CO1	BT2
7	Classify different forms of cybercrime and analyze their impact on individuals and organizations.	10	CO1	BT2

PART C: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
8	Explain common email security threats and formulate suitable security practices for safe email communication.	10	CO1	BT2
9	Explain the cyber security threat landscape and discuss the security challenges associated with emerging technologies.	10	CO1	BT2

PART D: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
10	Explain major network security threats and recommend suitable mechanisms for protecting network resources.	10	CO2	BT2
11	Explain common website vulnerabilities and analyze their potential impact on users and organizations.	10	CO2	BT2

PART E: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT

12	Differentiate non-malicious program errors and malicious program flaws and analyze their effects on program security.	10	CO2	BT2
13	Classify different forms of malicious code and formulate a comprehensive strategy for preventing virus infections.	10	CO2	BT2