



PRESIDENCY UNIVERSITY

BENGALURU

Roll No.															
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Mid - Term Examinations - MARCH 2026

Date: 10-03-2026

Time: 09:30am - 11:00am

School: SOCSE	Program: B.Tech	
Course Code : CCS2502	Course Name: Cyber Threats for IoT and Clouds	
Semester: VI	Max Marks: 50	Weightage: 25%

CO - Levels	C01	C02	C03	C04	C05
Marks	24	26			

Instructions:

- (i) Read all questions carefully and answer accordingly.
- (ii) Do not write anything on the question paper other than roll number.

Part A

Answer ALL the Questions. Each question carries 2marks.

5Q x 2M=10M

1	Differentiate Temperature sensors and Pressure sensors.	2 Marks	L2	C01
2	Summarize the characteristics of Virtualization.	2 Marks	L2	C01
3	List out the impacts of Cyber-attacks.	2 Marks	L2	C02
4	State the fundamental concepts of "The CIA triad"	2 Marks	L1	C02
5	List common sources of Cyber Threats.	2 Marks	L1	C02

Part B

Answer the Questions.

Total Marks 40M

6.	a.	Explain the impact and challenges of Internet of Things (IoT) on Health care applications.	10 Marks	L2	C01
	b.	Describe the communication process between humans and machines in IoT systems, highlighting Human-to-Machine and Machine-to-Human interactions.	10 Marks	L2	C01
Or					
7.	a.	Explain the different types of virtualization in detail.	10 Marks	L2	C01
	b.	Differentiate Cloud Computing and Distributed computing.	10 Marks	L2	C01

8.	a.	Explain the various types of Cyber Security threats in detail with suitable examples.	10 Marks	L2	C02
	b.	Describe cyber defense for individuals in detail, explaining the various practices and measures used to protect personal devices, data, and online activities from cyber security threats.	10 Marks	L2	C02
Or					
9.	a.	Explain malware attacks and social engineering attacks in cyber security, highlighting their types and real-world examples	10 Marks	L2	C02
	b.	Differentiate Supply Chain attacks and Man-in-the-Middle attacks.	10 Marks	L2	C02