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PRESIDENCY UNIVERSITY

BENGALURU

Mid - Term Examinations - March 2026

Date: 12-03-2026

Time: 09:30am - 11.00am

School: SOCSE	Program: B.Tech		
Course Code : CCS2504	Course Name: Ethical Hacking		
Semester: IV	Max Marks: 50	Weightage: 25%	

CO - Levels	C01	C02	C03	C04	C05
Marks	26	24	-	-	-

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 2 marks.

5Q x 2M=10M

1	Differentiate between confidentiality and integrity.	2 Marks	L1	C01
2	Why Rules of Engagement(RoE) is very important in Penetration Testing?	2 Marks	L1	C01
3	What are the key factors of a good penetration testing report?	2 Marks	L1	C01
4	List some Common Applications of Linux.	2 Marks	L1	C02
5	What is BackTrack?	2 Marks	L1	C02

Part B

Answer the Questions.

Total Marks 40M

6.	a.	<p>Assume a multinational company faces the following incidents:</p> <ul style="list-style-type: none"> • A politically motivated group defaces its website. • A skilled individual finds vulnerabilities without permission and reports them online. • A security team hired by the company tests its systems legally. <p>Identify the types of hackers in each scenario, justify your answer, and discuss how organizations should respond.</p>	10 Marks	L3	CO1
	b.	Compare and contrast pen test and vulnerability assessment in detail	10 Marks	L4	CO1
Or					
7.	a.	Illustrate and explain the phases of hacking in a systematic manner. Support your answer with a neat diagram.	10 Marks	L2	CO1
	b.	“Rules of Engagement act as a legal and operational boundary in penetration testing”. Justify with detailed explanation	10 Marks	L3	CO1

8.	a.	“Different types of penetration testing target different layers of security.” Justify this statement by explaining the major types of penetration testing	10 Marks	L3	CO2
	b.	Explain in details about the file Structure of Linux operating system	10 Marks	L2	CO2
Or					
9.	a.	What are the major Linux-based distributions? Compare any two major Linux operating systems in terms of usage and features.	10 Marks	L4	CO2
	b.	Write a detailed note on Kali Linux, highlighting its role in ethical hacking.	10 Marks	L2	CO2