

UNIT-III				
S.No	Questions	BT	CO	
Part –A(Short Answer Questions)				
1	What is penetration test management?	L2	CO3	
2	What is the purpose of penetration testing?	L1	CO3	
3	Define Scope in penetration testing.	L2	CO3	
4	What are Rules of Engagement (RoE)?	L2	CO3	
5	Why is authorization required before testing?	L2	CO3	
6	What is information gathering?	L1	CO3	
7	What is vulnerability assessment?	L1	CO3	
8	What is validation testing?	L2	CO3	
9	What is evidence collection?	L2	CO3	
Part– B(Long Answer Questions)				
10	a)	Explain the planning phase of a penetration test — objectives, scope, and rules of engagement.	L3	CO3
	b)	Describe the execution phases of a penetration test and activities in each.	L4	CO3
11	a)	Explain the key components of a penetration test final report.	L4	CO3
	b)	What is a stack? Explain stack operations and how buffer overflows arise.	L5	CO3
12	a)	Define buffer overflow and explain local buffer overflow exploits and their danger.	L3	CO3
	b)	Describe the exploit development process and modern Linux security protections.	L3	CO3
13	a)	What are Windows exploits? Explain Structured Exception Handling (SEH).	L4	CO3
	b)	Explain DEP, ASLR, SafeSEH, and Stack Cookies as Windows memory protections.	L3	CO3