

## Department of Cyber Security

### Vulnerability Assessment And Penetration Testing (23CY701)

#### UNIT WISE QUESTION BANK

UNIT-I				
S.No	Questions	BT	CO	
<b>Part –A(Short Answer Questions)</b>				
1	What is Ethical Hacking?	L1	CO1	
2	What is meant by ethics in ethical hacking?	L1	CO1	
3	Why is permission required before conducting a security test?	L1	CO1	
4	Define Vulnerability Assessment.	L1	CO1	
5	Define Penetration Testing.	L2	CO1	
6	What is meant by a gray area in cyber security?	L1	CO1	
7	What is phishing?	L1	CO1	
8	What is vishing?	L2	CO1	
9	What is smishing?	L1	CO1	
10	What is tailgating?	L1	CO1	
11	Name any two common penetration testing tools.	L1	CO1	
12	What is Multi-Factor Authentication (MFA)?	L2	CO1	
<b>Part– B(Long Answer Questions)</b>				
13	a)	Explain the ethics of ethical hacking and its importance.	L3	CO1
	b)	Discuss the reasons for understanding an attacker's tactics.	L3	CO1
14	a)	Explain the gray areas in Cyber Security with suitable examples.	L3	CO1
	b)	Differentiate between Vulnerability Assessment and Penetration Testing.	L3	CO1
15	a)	Describe various types of social engineering attacks.	L4	CO1
	b)	Explain how a social engineering attack works with a neat flow.	L3	CO1
16	a)	Discuss the social engineering attack lifecycle and defensive measures.	L3	CO1
	b)	Explain common attacks used in penetration testing.	L3	CO1
17	a)	Describe the preparation steps for defending against face-to-face social engineering attacks.	L4	CO1
	b)	Explain the methods used to defend against social engineering attacks.	L3	CO1