

Code: 19IT4801A

**IV B.Tech - II Semester – Regular Examinations – MAY 2023**

**CYBER SECURITY AND ETHICAL HACKING  
(INFORMATION TECHNOLOGY)**

Duration: 3 hours

Max. Marks: 70

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- Note: 1. This question paper contains two Parts A and B.  
 2. Part-A contains 5 short answer questions. Each Question carries 2 Marks.  
 3. Part-B contains 5 essay questions with an internal choice from each unit. Each question carries 12 marks.  
 4. All parts of Question paper must be answered in one place.

BL – Blooms Level

CO – Course Outcome

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**PART – A**

		BL	CO
1. a)	Explain about Web Jacking.	L2	CO1
1. b)	List the types of services in cloud computing	L1	CO2
1. c)	Outline weak and random passwords.	L1	CO3
1. d)	Summarize Reconnaissance.	L2	CO4
1. e)	Mention the types of passwords.	L1	CO4

**PART – B**

			BL	CO	Max. Marks
<b>UNIT-I</b>					
2	a)	Elaborate an e-Mail Spoofing and Spamming.	L2	CO1	6 M
	b)	Discuss about the credit card frauds.	L2	CO1	6 M
<b>OR</b>					
3	a)	Who are Cyber criminals? Classify cybercrimes.	L2	CO1	6 M

	b)	Define cyber hacking in law? Explain the laws against hacking in India.	L2	CO1	6 M
<b>UNIT-II</b>					
4	a)	Describe cyber stalking and how to prevent it.	L2	CO2	6 M
	b)	Explain about botnet and how does it work.	L2	CO2	6 M
<b>OR</b>					
5	a)	Describe the classification of social engineering with examples.	L2	CO2	6 M
	b)	Summarize a real life incident of cyber stalking.	L2	CO2	6 M
<b>UNIT-III</b>					
6	a)	Explain how phishing works? List different types of Phishing.	L2	CO3	6 M
	b)	Discuss the steps for SQL Injection Attack.	L2	CO3	6 M
<b>OR</b>					
7	a)	Discuss various DoS Attacks.	L2	CO3	6 M
	b)	Explain the types of Buffer Overflow and measures to minimize Buffer Overflow.	L2	CO3	6 M
<b>UNIT-IV</b>					
8	a)	Demonstrate the Phases of Ethical Hacking.	L3	CO4	6 M
	b)	Discuss about Cyber Security Enhancement ACT and SPY ACT.	L2	CO4	6 M

<b>OR</b>					
9	a)	Explain DNS Footprinting.	L2	CO4	6 M
	b)	Show how to gather information using Google.	L3	CO4	6 M
<b>UNIT-V</b>					
10	a)	List the different types of password attacks? Interpret.	L3	CO4	6 M
	b)	Discuss about Cracking Windows 2000 Passwords.	L2	CO4	6 M
<b>OR</b>					
11	a)	Describe the different types of viruses. Explain each in brief.	L2	CO1	6 M
	b)	Interpret various Virus detection methods.	L3	CO1	6 M