Seat No.:	Enrolment No.

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

**ME Sem-II Summer Exam 2012** 

Subj	ect	code:	7251	<b>06</b>
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<b>Subject Name: 1</b>	ETHICAL	HACKING	&	CYBERLA	١W
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Date:12/07/12 Total Marks: 70 Duration:10.30am to 1.00pm

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			<b>.</b>	.,	

- 1. Attempt all questions.
- 2. Make suitable assumptions wherever necessary.
- 3. Figures to the right indicate full marks.

Q.1	(a)	T : 1D 11 11 41 41	07
	a1.	Trojans and Backdoors and how an attacker can use them	03
	a2.	to have access to any victim system  How to Protecting Trojans and Backdoors	03
	a2.	Name any three protocol which are vulnerable for sniffing	03
	(b)	Traine any times protocol without are valuerable for simfling	07
	b1	What is Event log? Why Event logs are not enough for	05
		security experts to pore through after a security event has	
		occurred? what else is needed for security expert	
	b2.	Write major features of Automated Security tools	02
Q.2	(a)	· ·	<b>07</b>
	a1	What is Penetration Testing?	02
	a2	Write a procedure for penetration testing	05
	(b)		07
	b1.	Explain Session hijacking, denial-of-serives and man-in-the-middle attack.	04
	b2.	How to prevent Session hijacking?	03
	02.	OR	05
	<b>(b)</b>		<b>07</b>
	b1.	What is Cookie and Cookie Poisoning Attack?	05
	b2.	What is Cross-Site Request Forgery Attacks?	02
Q.3	(a)	T. 1.1 W. 1 TVGGDVG	07
	a1.	Explain Web FUZZING?	04
	a2.	Write key Concepts of Cross-Site Request Forgery	03
	<b>(b)</b>	What is SQL Injection? How to prevent form SQL	07
		injection <b>OR</b>	
Q.3	(a)	Write the steps that a hacker must follow to make a foot	07
<b>~</b>	(4)	print of an organization.	0.
	<b>(b)</b>	Write any five Intents of SQL Injection Attack and explain	07
		it.	
<b>Q.4</b>	(a)	What is honeypots explain production honeypots and	07
		research honeypots in details.	
	<b>(b)</b>	What is PGP & GPG? Describe Dual –Key encryption &	07
		Its risks <b>OR</b>	
Q.4	(a)	Explain the benefits of deploying a honeypot in details	07
$\sim$	\ ee /	Empirim the contents of depicyning a noneypot in details	• • •

	<b>(b)</b>		<b>07</b>		
	b1.	Write low-interaction and high-interaction honeypots			
	b2.	Write a explain in brief the type of Cyber Crimes against (			
		Individuals			
Q.5	(a)	What is Cyber Crime? Explain Cyber stalking and	<b>07</b>		
		Cybercriminal			
	<b>(b)</b>	Write any Three type of Cyber Crime in details 0			
		OR			
Q.5	(a)	Explain the Role of digital signature in E-Commerce	07		
		security system.			
	<b>(b)</b>	Write the background of Information Technology Act,			
		2000 along with its salient			

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