Seat N	[o.: Enrolment No		
	GUJARAT TECHNOLOGICAL UNIVERSITY	TECHNOLOGICAL UNIVERSITY	
	M. E SEMESTER - II • EXAMINATION - SUMMER • 2014		
Subia	ect code: 2725106 Date: 27-06-2		
•		7014	
•	ect Name: Ethical Hacking and Cyber Laws		
	: 02:30 pm - 05:00 pm Total Marks: 70		
Instru	ctions:		
	1. Attempt all questions.		
	2. Make suitable assumptions wherever necessary.		
	3. Figures to the right indicate full marks.		
Q. No.	1		
-	What are the pre-attack phases? Explain in brief.	[7 Marks]	
	What is Reconnaissance? Explain with an example?	[7 Marks]	
υ.	what is Recomaissance: Explain with an example:	[/ Marks]	
Q. No.	2		
-	Explain the flow of stages of active reconnaissance with an example.	[7 Marks]	
	What is Vulnerability Assessment? By using which tools are we assess vulner		
	, and a second of the grant of	[7 Marks]	
	OR	. ,	
b.	List and explain the various methods that can be used for password cracking.	[7 Marks]	
Q. No.	. 3		
a.	What are the stages that fall under active reconnaissance?	[7 Marks]	
b.	What is Kickstart file? How it is useful to an attacker?	[7 Marks]	
	OR		
Q. No.			
	What are the different types of scanning explain in detail?	[7 Marks]	
b.	What is client side attack? Explain with an example.	[7 Marks]	
0.11			
Q. No.		[7] N. (1 1	
	What is Meterpreter? Explain how it can be useful?	[7 Marks]	
D.	What is NMAP? How we can detect the finger print of OS?	[7 Marks]	
Q. No.	OR		
-	What is Zone transfer? Explain it's working?	[7 Marks]	
	Explain Baner Grabbing in detail?	[7 Marks]	
0.	Laplain Banci Grabbing in detail.	[/ Warks]	
Q. No.	.5		
	What do you mean by Cyber laws? Explain jurisprudence of Indian Cyber Lav	w. [7 Marks]	
	What is digital signature? How is it helpful for authentication of any electroni		
	which IT Act it is defined as crime and what are the punishment provisions?	[7 Marks]	
	OR	[, 1,2,2,1,5]	
Q. No.	.5		
	IT Act 2000 confers power upon the Controller of Certifying Authorities to in	vestigate	
	contraventions under the Act. Mr. A suspects Mr. B of creating and publishing digital signature		
	certificates for fraudulent purposes. Mr. A is having confusion how to approach		
	of suspected crime & to whom. Will you help Mr. A with detailed explanation	ns? [6 Marks]	
b.	Ms. X has been assigned project on olntellectual property rights associated wi	_	
	She conducts a search on Google & comes across many articles on the topic.		
	these articles and uses them extensively in her project without taking permissi		
	authors of the articles. Ms. X insists that since she is using the articles for private the articles for private that since she is using the articles for private that since she is using the articles for private that since she is using the articles for private that since she is using the articles for private that since she is using the articles for private that since she is using the articles for private that since she is using the articles for private that since she is using the articles for private that since she is using the articles for private that since she is using the articles for private that since she is using the articles for private that since she is using the articles for private that since she is using the articles for private that since she is using the articles for private that since she is using the articles for private that since she is using the articles for private that since she is using the articles for private that since she is using the articles for private that since she is using the articles for the shear that since she is using the articles for the shear that she is using the articles for the shear that she is using the articles for the shear that she is used to be a shear that she is used to be a shear that she is used to be a shear than the shear that she is used to be a shear that shear that she is used to be a shear that s	ate use, she is not	

[8 Marks]

liable for any infringement. Is she right? Discuss in detail as per the law.