Paper / Subject Code: 87007 / Ethical Hacking

			(2 ½ Hours)		[Total Marks: 75]			
N.B.	,	l questions are compul						
	2) Figures to the right indicate marks.							
		ustrations, in-depth an		ms will be appred	ciated.			
	4) M	ixing of sub-questions	is not allowed.					
Q. 1	Atte	empt All			(10M)			
(a)								
(i)		an Horse is an example	2 No. 1 No. 2 No.					
10	(a)	Antivirus	(b)	Malware				
	(c)	Attack	(d)	Virus				
				- ttomo io colloc	L			
(ii)		act of gathering inform		et system is canec Reconnaissance				
		Social Gathering	(b)					
	(c)	Stealing	(d)	Repudiation				
/***	4 -		ala af arhat trong	of attack?				
(iii)		Poisoning is an exam		DOS				
2.7	(a)	Man in the middle	(b) (d)	DDOS				
	(c)	Brute-force attack	(a)	DD03				
V. V.	A T	which is a	collection of she	Il codes exploits	and payload is			
(iv)	- The Control of the	A Framework which is a collection of shell codes, exploits and payload is called?						
		Spiral Control of the	(b)	.NET				
		Simple Metasploit	(d)	Complex				
	(c)	ivietaspioit						
(**)	M/h	ich of the following is a	system designed	d to attract and id	entify hackers?			
(v)	(a)	Honeypot	(b)	Firewall				
	(c)	Bootstrap	(d)	IDS				
	(C)	Doorburg						
(vi)	·	_ is done to make user	s access a spoof	website rather th	an the intended			
(• •)	des	tination.						
	(a)	DOS	(b)	URL Obfuscation	on			
	(c)	DDOS	(d)	Eavesdroping				
	(0)				2 · · · · · · · · · · · · · · · · · · ·			
(vii)	Wh	ich of the following is	not atype of Ethi	cal Hacker?				
(/	(a)	Grey	(b)	Black				
	(c)	Red	(d)	White				
(viii)	On	line purchase recomm	ends websites be	ginning with http	os Protocol. This			
to the same of the		eferred as						
	(a)	Security lab	(b)	firewall				
	(c)	Secure socket layer	(d)	Encryption				

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(ix)	is an action that compromises security in a system	
	(a) Threat (b) Attack	
	(c) Exploit (d) Vulnerability	
$_{i}$ (x)	The main purpose of penetration test is to?	
	(a) Identify Vulnerabilities (b) Steal sensitive data	
	(c) Fix vulnerabilities (d) Exploit vulnerabilities	
(b)	Fill in the blanks by selecting from the pool of options:	(5M
	(NMAP, SYN ACK, Privilege escalation, Exploit, IP)	(OIVI
(i)	A DNS Translates domain name to	
- 1	그 그는 그 사람이는 그 사람들은 그렇게 그렇게 된 사람들이 가꾸다니다.	
(ii)	Thecommand attacks the Target machine	
(iii)	SYN packet is always followed by	
(iv)	Thetool helps to scan a Network	
(v)	The process of getting elevated access to the resource is called	
Q. 2	Attempt the following (Any THREE)	(15M
(a)	Explain the terms authentication and authorization in Security	(131/1
(b)	Describe the Security, Functionality, and Ease of Use Triangle.	
(c)	What is a CSRF attack and how it is done?	
(d)	Explain the term Keystroke logging	
(e)	Write a short note on URL Obfuscation	
(f)	Give a complete description of Rootkits with example	
Q. 3	Attempt the following (Any THREE)	(15M)
(a)	Bringout the differences between Manual and Automated	(15141)
(b)	PenetrationTesting.	
(c)	Write a short note on Session Hijacking What is mount by poster wiff and the session Hijacking	
(d)	What is meant by packet sniffing.?Explain	
(e)	Explain Crawling/Spidering with example Describe the terms Internal and Extra 1.12	
(f)	Describe the terms Internal and External Penetration testing	
(-)	Define Ethical Hacking and explain its need.?	
Q. 4	Attempt the following (Any THREE)	
(a)	Explain the term SYN Flooding.	(15)
(b)	Write short note on VOIP Vulnerabilities.	
(c)	Explain SQL Injection attack	
(d)	What are the ways to achieve Mobile apps Security.?Explain	
(e)	Describe Honeypots and Evasion techniques	
(f)	Explain a Smurf Attack	
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Q. 5	Attempt the following (Any FIVE) (15)
(a)	Define spyware and give example
(b)	Explain the term Cookie Theft
(c)	Define Black, Grey and white box penetration testing
(d)	Define Scanning and mention its three types
(e)	What is Buffer overflow
(f)	Describe the term Steganography
(g)	Define IP Spoofing
(h)	What is XSS?
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