GURU NANAK INSTITUTE OF TECHNOLOGY

An Autonomous Institute under MAKAUT

2021

CYBER LAW AND SECURITY POLICY

CS801C

TIME ALLOTTED: 3 Hours   **FULL MARKS: 70**

The figures in the margin indicate full marks.
Candidates are required to give their answers in their own words as far as practicable

GROUP – A
(Multiple Choice Type Questions)
Answer any *ten* from the following, choosing the correct alternative of each question: **10×1=10**

			Marks	CO No
1.	i)	During a DoS attack, the regular traffic on the target _____ will be either dawdling down or entirely interrupted. a) network b) system c) website d) router	1	CO1
	ii)	Cracking digital identity of any individual or doing identity theft, comes under _____ of IT Act. a) Section 65 b) Section 66 c) Section 68 d) Section 70	1	CO3
	iii)	_____involves the making, altering, use, or possession of a false writing in order to commit a fraud. a) Cyber defamation b) Forgery c)Sabotage d)Spamming	1	CO3
	iv)	Right to use software on computer is called a) Software copyright b) Software piracy c)Software activation d)None	1	CO2

v)	To hide information inside a picture, what technology is used? a) Rootkits b) Bitmapping c)Steganography d)Image Rendering	1	CO3
vi)	_____is one that appears to originating from one source but actually has been sent from another source a) Spamming b) Spoofing c)Cyber crime d)None	1	CO3
vii)	The repeated use of electronic communications to harass or frighten someone, for example by sending threatening emails, is called_____ a) Cyberstalking b) Active attacks c)Spoofing d)None	1	CO2
viii)	_____ is a class of computer threat a) Phishing b) DoS attacks c) Soliciting d) Stalking	1	CO3
ix)	Which of the following allow a visited website to store its own information about a user on the user'scomputer? a) Spam b) Malware c) Cookies d) Adware	1	CO2
x)	Attackers mainly use Proxy server a) To obtain a remote access connection b) To create a ghost server on network c)To hide malicious activity on the Network d)To create strong connection with the target	1	CO3
xi)	In SQL injection, _____ code is inserted into strings that are later passed to an instance of SQL Server. a) malicious b) redundant c) clean d) non malicious	1	CO2

xii) Which of the following cybercriminals are hungry for   1   CO2
recognition?
a) IT professionals
b) Financially motivated hackers
c) Psychological perverts
d) Organized criminals.

GROUP B
(Short Answer Type Questions)
Answer any *three* of the following.   3x5=15

			Marks	CO No
2.	a)	What is blind SQL injection?	2	CO3
	b)	How it can be prevented?	3	CO3
3.		What is phishing? How phishing works?	5	CO2
4.		What are the different ways of password cracking?	5	CO3
5	a)	Define Virus.	1	CO3
	b)	What are the different types of viruses?	4	CO3
6.	a)	What is buffer overflow attack?	1	CO1
	b)	Discuss different types of buffer overflow attacks.	4	CO1

GROUP C
(Long Answer Type Questions)
Answer any *three* of the following.   3x15=45

			Marks	CO No
7	a)	What is Salami attack?	5	CO1
	b)	Explain the differences between passive and active attacks.	6	CO2
	c)	What is Unicitral Model Law?	4	CO1
8.	a)	Discuss cryptographic security for mobile devices.	5	CO1
	b)	Discuss various attacks on mobile/cell phones.	7	CO1
	c)	Explain Public key certificate.	3	CO2
9.	a)	Define online identity method.	6	CO3
	b)	Define Cyber Crime.	2	CO4
	c)	What are the steps we can take to prevent cyber crime?	7	CO4

10.	a)	What is cyber stalking?	5	CO3
	b)	How stalking works?	5	CO3
	c)	Describe DOS & DDOS attacks.	5	CO4
11.		Write Sort Note on the following: (Answer any three)	3x5=15	
	a)	Trojan Horses	5	CO5
	b)	IT act	5	CO4
	c)	Software piracy	5	CO5
	d)	Proxy servers	5	CO4
	e)	Email Spoofing	5	CO5