

University of Mumbai

Program: **Computer Engineering**

Curriculum Scheme: 2016

Examination: BE Semester VII

Course Code: ILO7016 and Course Name: CYBER SECURITY AND LAWS

Time: 2.30 hour

Max. Marks: 80

Q1.	Choose the correct option for following questions. All the Questions are compulsory and carry equal marks
1.	_____ is a violent act done using the Internet, which either threatens any technology user or leads to loss of life or otherwise harms anyone in order to accomplish political gain.
Option A:	Cyber campaign
Option B:	Cyber-terrorism
Option C:	Cyber attack
Option D:	Cyber Defamation
2.	_____ means the protection of data from modification by unknown users.
Option A:	Confidentiality
Option B:	Integrity
Option C:	Authentication
Option D:	Non-repudiation
3.	_____ occurs when some one forcefully takes control of web site (by cracking Password and later changing it).
Option A:	Web jacking
Option B:	Phishing
Option C:	Data diddling
Option D:	Sniffing
4.	_____ is the information gathering phase in ethical hacking from the target user.
Option A:	Reconnaissance
Option B:	Scanning
Option C:	Gaining access
Option D:	Maintaining access
5.	_____ is a collection of internet-connected devices infected by malware that allow hackers to
Option A:	Ransom ware
Option B:	Botnet
Option C:	Spoofing
Option D:	Sniffing

6.	_____ is a path or means by which an attacker can gain access to a computer or to network server to deliver a payload.
Option A:	Attack Vector
Option B:	Worm
Option C:	Phishing
Option D:	Cyber Defamation
7.	Which of them is a proper measure of securing social networking account?
Option A:	Never keep your password with any relevant names
Option B:	Keep written records of your passwords
Option C:	Keep records of your password in audio format in your personal cell-phone
Option D:	Passwords are kept smaller in size to remember
8.	_____ is a code injecting method used for attacking the database of a system / website.
Option A:	HTML injection
Option B:	SQL Injection
Option C:	Malicious code injection
Option D:	XML Injection
9.	When there is an excessive amount of data flow, which the system cannot handle, _____ attack takes place.
Option A:	Database crash attack
Option B:	Buffer Overflow attack
Option C:	SQL injection
Option D:	Cyber Stalking
10.	Which method of hacking will record all your keystrokes?
Option A:	Keyhijacking
Option B:	Keyhijacking
Option C:	Keylogging
Option D:	Keyboard monitoring

Q2 (20 Marks)	Solve any Two Questions out of Three	10 marks each
A	Explain Cyber Defamation with example.	
B	Explain Security Standard HIPAA and GLBA	
C	Explain Cybercrime and criminal justice in IT act 2000.	

Q3. (20 Marks)	Solve any Two Questions out of Three	10 marks each
A	Explain cloud computing with cyber attack	
B	Explain the concept of Botnet and Attack vector	
C	Explain IPR in Cyber law.	

Q4. (20 Marks)	Solve any Two Questions out of Three	10 marks each
A	Explain Bluetooth attack.	
B	Explain types of E-contracts.	
C	Explain evidence acts.	