

**Program: BE Information Technology Engineering**

**Curriculum Scheme: Revised 2016**

**Examination: Final Year Semester VII**

**Course Code:** ILO7016

**Course Name:** Cyber Security and Laws

Time: 2 hour

Max. Marks: 80

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Note to the students: - All the Questions are compulsory and carry equal marks.

<b>Q.1.</b>	<b>MCQs</b>	<b>2 Marks each</b>
1.	_____ is abuse of electronic messaging systems to send unsolicited bulk messages indiscriminately.	
Option A:	SMS	
Option B:	email	
Option C:	Spam	
Option D:	Phishing	
2.	Written defamation is known as _____.	
Option A:	Libel	
Option B:	Abuse	
Option C:	Slander	
Option D:	Troll	
3.	_____ is the term used by law enforcement agencies to denote criminal activity which uses computer/ technology, as the subject of the crime itself.	
Option A:	Cyber Law	
Option B:	Ethical hacker	
Option C:	Computer Security	
Option D:	Techno Crime	
4.	Meta refresh is a method of instructing a web browser to automatically <b>refresh</b> the current web page or frame after a given time interval. This can be used to perform _____ attack.	
Option A:	Salami	
Option B:	Search engine spam	
Option C:	Meta data	
Option D:	Data Doodle	
5.	The technique used to find passwords or encryption keys by trying every possible combination of letters, numbers, etc., until the code is broken. This attack is called as _____.	
Option A:	Brute force	
Option B:	Phishing	
Option C:	Virus	
Option D:	Salami	

6.	Technique to influence and persuasion to deceive people to obtain the important information, is known as _____ , it is a non-technical method used by hackers.
Option A:	Cracking
Option B:	Social Engineering
Option C:	Trolling
Option D:	Scanning
7.	_____ is a path or means by which a hacker (or cracker) can gain access to a computer or network server in order to deliver a payload or malicious outcome.
Option A:	URL
Option B:	Attack vector
Option C:	IP address
Option D:	Web address
8.	_____ is information gathering phase in cyber attacks.
Option A:	Launching an attack
Option B:	Scanning
Option C:	Reconnaissance
Option D:	Scrutinizing
9.	_____ is common Bluetooth attack.
Option A:	Bluejacking
Option B:	Vishing
Option C:	Phishing
Option D:	Cracking
10.	_____ infects mobile phones running on Symbian OS, which displayed the message ' <b>Caribe</b> ' is on the phone's screen and was identified in June 2004
Option A:	Code Red Virus
Option B:	Cabir worm
Option C:	Red Worm
Option D:	Morris Worm
11.	_____ is a tool that can detect the keylogger installed on the computer system and also can remove it.
Option A:	Anti-keylogger
Option B:	Keylogger
Option C:	Spyware
Option D:	Malware
12.	_____ virus is a computer virus that infects a storage device's MBR.
Option A:	Program
Option B:	Polymorphic
Option C:	Stealth
Option D:	Boot sector

13.	_____ virus acts like a “chameleon” that changes its virus signature every time it spreads through the system.
Option A:	Program
Option B:	Polymorphic
Option C:	Stealth
Option D:	Boot sector
14.	_____ is the hiding of a secret message within an image and the extraction of it at its destination.
Option A:	Steganography
Option B:	Photography
Option C:	Geo tagging
Option D:	Hiding
15.	_____ is an anomaly where a process stores data in a buffer outside the memory the programmer has set aside for it.
Option A:	Buffer
Option B:	Buffer overflow
Option C:	Back door
Option D:	Trap door
16.	_____ means buying and selling of goods, products, or services over the internet.
Option A:	E-Commerce
Option B:	Trading
Option C:	Commerce
Option D:	Business
17.	OLX, Quikr are example _____ type of E-commerce.
Option A:	B2B
Option B:	B2C
Option C:	C2C
Option D:	C2B
18.	_____ is a federal law that required the creation of national standards to protect sensitive patient health information from being disclosed without the patient's consent or knowledge.
Option A:	SOX
Option B:	HIPAA
Option C:	PCI
Option D:	ISO
19.	IT Amendment Act 2008 under section 67-A, “ whoever publishes or transmits or causes to be published or transmitted in the electronic form any material which contains sexually explicit or conduct can be called as _____”.
Option A:	Cyber Bullying
Option B:	Pornography
Option C:	Sexual Harassment
Option D:	psycho disturb

20.	_____ is an international agency that works for the protection of legal rights in artistic and literary works, inventions, trademarks, and other original creations.
Option A:	WIPO
Option B:	IPR
Option C:	ISO
Option D:	OSI

<b>Q2</b>	<b>Solve any Two Questions out of Three</b>	<b>10 marks each</b>
A	What are illegal activities observed in Cybercafes? What are Safety and security measures one should take while using the computer in Cyber Café?	
B	What is Buffer Overflow attack? Explain it's types.	
C	What is SQL Injection? Explain Steps for SQL Injection attack.	

<b>Q3</b>	<b>Solve any Two Questions out of Three</b>	<b>10 marks each</b>
A	What are strength and limitations of IT Act 2000.	
B	Explain Laws related to E-banking.	
C	What is E-commerce? Explain Types of E-Commerce Models with examples.	