

# University of Mumbai

Program: **Information Technology**  
Curriculum Scheme: Rev2016 CBCGS  
Examination: BE Semester VII

Course Code: ILO7016 and Course Name: Cyber Security and Laws

Time: 2 hour

Max. Marks: 80

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<b>Q1.</b>	<b>Choose the correct option for following questions. All the Questions are compulsory and carry equal marks</b>
1.	In which of the following attack you will receive an email that appears to be from someone you trust.
Option A:	Ransomware
Option B:	Phishing
Option C:	Spyware
Option D:	Torjan Horse
2.	Which of the following is considered as one of the “first ever registered online viruses”?
Option A:	Pikachu Virus
Option B:	Simile Virus
Option C:	Morris Worm
Option D:	CryptoLocker Trojan Horse
3.	DDoS stands for:
Option A:	A Distinguished Denial of Service
Option B:	A Distributed Denial of Service
Option C:	A Distanced Data Operating Service
Option D:	Disk Operating System
4.	Criminal offences can be classified as:
Option A:	Offence against unauthorized access of computer data and system .
Option B:	Offence against Private contents.
Option C:	Offence against Government.
Option D:	All of the above
5.	_____ is the demonstration of investigating frequently with the objective of discovering something or somebody to gain data.

Option A:	Scrutinizing
Option B:	Sniffing
Option C:	Reconnaissance.
Option D:	none of these above
6.	A _____ consists at least one bot server or controller and one or more client-bots.
Option A:	Trojans
Option B:	virus
Option C:	worms
Option D:	Botnets
7.	Mobile security is also known as _____.
Option A:	OS security.
Option B:	Cloud security
Option C:	Database security.
Option D:	Wireles security.
8.	Which of them is not a proper method for email security?
Option A:	Use Strong password
Option B:	Use email Encryption
Option C:	Spam filters and malware scanners
Option D:	Click on unknown links to explore
9.	_____ is hiding of data within data, where we can hide images, text, and other messages within images, videos, music or recording files.
Option A:	Cryptography
Option B:	Tomography
Option C:	Steganography
Option D:	Chorography
10.	Network layer attack is also known as _____
Option A:	Layer3-4 DoS attack
Option B:	Layer5 DoS attack
Option C:	Layer6-7 DoS attack
Option D:	Layer2 DoS attack
11.	Contract is defined as an agreement enforceable by law, in Section ..... of the Indian Contract Act.
Option A:	Section 2(e)
Option B:	Section 2(f)
Option C:	Section 2(h)
Option D:	Section 2(i)
12.	An electronic sound, symbol or process that is connected to or logically linked with an evidence and is carried out or taken on by a person with the purpose to sign the record.
Option A:	Private key
Option B:	Public key
Option C:	Digital signature

Option D:	E-Governance
13.	Computer' includes any electronic or similar device having information processing capabilities. Select the correct Section with respect to Indian Copyright Act ,1957
Option A:	Section 21(ffb)
Option B:	Section 21(ffc)
Option C:	Section 63B
Option D:	None of the above
14.	Section 463 refers to
Option A:	Defamation
Option B:	Making a false Document
Option C:	Forgery
Option D:	Electronic record
15.	What is the proposed punishment for Cyber Terrorism in IT Act?
Option A:	10 year imprisonment
Option B:	1 Crore rupees penalty
Option C:	Life Imprisonment
Option D:	6 year imprisonment
16.	What is/are component of IT Act 2000 ?
Option A:	Legal Recognition to Digital Signatures
Option B:	Regulation of Certification Authorities.
Option C:	All the above
Option D:	Digital Certificates
17.	What is the updated version of the IT Act, 2000?
Option A:	Advanced IT Act, 2007
Option B:	Advanced IT Act, 2008
Option C:	IT Act, 2008
Option D:	IT Act, 2007
18.	What does the HIPAA acronym stand for?
Option A:	Health Insurance Portability and Accountability Act
Option B:	Health Information Portability and Affordability Act
Option C:	Health Information Privacy and Accountability Act
Option D:	Health Identification Privacy and Affordability Act
19.	The main responsibility of the Federal Chief Information Officer is to
Option A:	Build websites
Option B:	Promote and Sponsor Internet usage
Option C:	Assess what the Deputy does
Option D:	Assess risk on Internet usage
20.	CIO stands for
Option A:	Council for Information and Output
Option B:	Federal Chief Information Officer

Option C:	Corporate Input Officer
Option D:	Control Individual Output

<b>Q2</b>	<b>Solve any Two Questions out of Three 10 marks each</b>
A	Classify the cybercrimes and explain any one briefly.
B	How do criminals plan attacks? Discuss various steps involved. (OR) Describe in detail about how criminals plan attacks?
C	Compare vishing, phishing and smishing.

<b>Q3.</b>	<b>Solve any Two Questions out of Three 10 marks each</b>
A	Explain how the appeals can be made under The IT ACT, 2000.
B	What is electronic governance? Explain the role of digital signature in e-governance.
C	Write key IT requirements for SOX and HIPAA?