

**University of Mumbai**  
**Examination Second Half 2021 under cluster 06**  
**(Lead College: Vidyavardhini's College of Engg Tech)**  
**Examinations Commencing from 22<sup>nd</sup> November 2021 to 5<sup>th</sup> January 2022**

Program: **Electronics Engineering**

Curriculum Scheme: **Rev2019**

Examination: **BE Semester VII**

Course Code: **ILO7016**

and

Course Name: **Cyber Security and Laws**

Time: 2 hour 30 minutes

Max. Marks: 80

Question 1	Choose the correct option for following questions. All the Questions are compulsory and carry equal marks.
1	_____ means and includes: 1) All statements which the court permits or requires to be made before it by witnesses, in relation to matters of fact under inquiry; such statements are called oral evidence. 2) All documents including electronic records produced for the inspection of the court.
Option A:	Evidence
Option B:	Proofs
Option C:	Statement
Option D:	Records
2	The definition of _____ ( <i>Section 17 of the Evidence Act</i> ) has been changed to include a statement in oral, documentary or electronic form which suggests an inference to any fact at issue or of relevance.
Option A:	permission
Option B:	admission
Option C:	evidence
Option D:	statement
3	Cyber Crime is (a) not defined in Information Technology Act 2000, (b) nor in the I.T. Amendment Act 2008, (c) nor in any other legislation in India
Option A:	(a), (b)
Option B:	(a), (b), (c)
Option C:	(b), (c)
Option D:	(a), (c)
4	_____ is a term used to describe the legal issues related to use of communications technology, particularly "cyberspace", i.e. the Internet.
Option A:	Cyber rule
Option B:	Cyber law
Option C:	Cyber section
Option D:	Cyber act
5	Cyber law is an attempt to integrate the challenges presented by human activity on the _____ with legacy system of laws applicable to the physical world.

Option A:	Internet
Option B:	Computer
Option C:	Mobile
Option D:	E-business
<b>6</b>	The IT Act_____attempts to change outdated laws and provides ways to deal with cyber-crimes.
Option A:	2000
Option B:	2002
Option C:	1999
Option D:	2008
<b>7</b>	Tampering with source documents is dealt with under section .
Option A:	Section 65
Option B:	Section 69
Option C:	Section 64
Option D:	Section 66
<b>8</b>	Computer related offences are dealt with under Section .
Option A:	Section 65
Option B:	Section 69
Option C:	Section 64
Option D:	Section 66
<b>9</b>	Section_____deals with <i>publishing or transmitting obscene material</i> in electronic form.
Option A:	Section 65
Option B:	Section 69
Option C:	Section 67
Option D:	Section 63
<b>10</b>	Section_____empowers the Government or agencies to <i>intercept, monitor or decrypt</i> any information generated, transmitted, received or stored in any computer resource.
Option A:	Section 62
Option B:	Section 69
Option C:	Section 64
Option D:	Section 66

<b>Q2</b>	<b>Solve any Two Questions out of Three</b>	<b>10 marks each</b>
<b>A</b>	Draw and illustrate pull and push attacks on mobile devices. Illustrate the steps in which SQL injection attack is done.	
<b>B</b>	Distinguish between cryptographic security and authentication service security.	
<b>C</b>	Outline HIPAA. Illustrate key IT requirements of HIPAA.	

<b>Q3</b>	<b>Solve any Two Questions out of Three</b>	<b>10 marks each</b>
<b>A</b>	Distinguish between spamming, hacking and email bombing.	
<b>B</b>	Illustrate security practices and requirements of PCI.	
<b>C</b>	With proper diagram, illustrate how botnets are used for gainful purposes.	

<b>Q4</b>	<b>Solve any Two Questions out of Three</b>	<b>10 marks each</b>
<b>A</b>	Demonstrate the ways to take care when pornographic offences take place.	
<b>B</b>	Assess Intellectual Property Aspect in Cyber Law	
<b>C</b>	Explain Cyber Crime and Criminal Justice in Indian Act 2008.	

OR

<b>Q2, Q3 and Q4. (20 Marks Each)</b>	<i>Please delete the instruction shown in front of every sub question</i>	
<b>A</b>	<b>Solve any Two</b>	<b>5 marks each</b>
i.	<i>Three questions of 5 marks each have to be asked</i>	
ii.	<i>The sub questions have to be set on multiple modules.</i>	
iii.		
<b>B</b>	<b>Solve any One</b>	<b>10 marks each</b>
i.	<i>Two questions of 10 marks each have to be asked</i>	
ii.	<i>The sub questions have to be set on multiple modules.</i>	

OR

<b>Q2, Q3 and Q4. (20 Marks Each)</b>	<b>Solve any Four out of Six (5 marks each)</b> <i>Please delete the instruction shown in front of every sub question</i>	
<b>A</b>	<i>Internal options should be provided in the subjective questions i.e. in case of 5 marks question six questions to be asked, out of which students will solve any four.</i>	
<b>B</b>		
<b>C</b>	<i>The sub questions in Q2 and Q3 have to be set on multiple modules. The paper setter has to make sure that the maximum syllabus is covered while setting up the questions for Q2 and Q3.</i>	
<b>D</b>		
<b>E</b>		
<b>F</b>		