

# **SRM VALLIAMMAI ENGINEERING COLLEGE**

(An Autonomous Institution)

SRM Nagar, Kattankulathur – 603 203

## **DEPARTMENT OF CYBER SECURITY**

### **QUESTION BANK**



**IV SEMESTER-SECOND YEAR**

**1923403 – CYBER LAW & ETHICS**

**Regulation – 2019**

**Academic Year: 2021 – 2022 (EVEN)**

*Prepared by*

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# SRM VALLIAMMAI ENGINEERING COLLEGE

SRM Nagar, Kattankulathur-603203

DEPARTMENT OF INFORMATION TECHNOLOGY



## QUESTION BANK

**SUBJECT : 1923403 – CYBER LAW & ETHICS**

**SEM / YEAR : IV SEMESTER/ SECOND YEAR**

### UNIT -I INTRODUCTION

**Introduction–Cyber Crime: Definition and origins– Cyber crime and information Security– Cyber criminals– Classification of Cyber crimes.**

#### PART-A

Q.No	Question	Competence	Level
1	Define cybercrime	Remembering	BTL1
2	What do you mean by cyberspace	Remembering	BTL1
3	Label the general categories of cybercrime	Remembering	BTL1
4	Differentiate Target cybercrime and Tool cybercrime	Evaluating	BTL5
5	What are the laws encompasses relating to cyber law?	Applying	BTL3
6	Define cyber criminals	Remembering	BTL1
7	Who are categorized under cyber criminals?	Analysing	BTL4
8	Describe the concept of internet time theft	Understanding	BTL2
9	What do you understand about conventional crimes?	Understanding	BTL2
10	Describe the term on information security	Understanding	BTL2
11	Generalize the malware attack on web application	Creating	BTL6
12	Listout the key elements of information security	Remembering	BTL1
13	Compare the methodology of web-hijacking and web-hacking	Understanding	BTL1
14	What is data diddling?	Remembering	BTL1
15	Illustrate the motives behind the cybercrimes.	Applying	BTL3
16	Classify the different kinds of hackers.	Applying	BTL3
17	Analyze the difference between E.mail spoofing and E.mail bombing	Analysing	BTL4
18	Discuss the cyber stalking functions	Evaluating	BTL5
19	Analyze the concept of cyber squatting	Analysing	BTL4
20	Formulate the countermeasures against cybercrimes on cyberspace	Creating	BTL6

#### UNIT –I [PART-B]

Q.No	Question	Mark	Competence	Level
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1	-	Trace out the Historical Origin of cybercrime	13	Remembering	BTL1
2	a	What are the major cybercrimes that are done frequently in digital world?	07	Evaluating	BTL5
	b	Summarize the cyber defamation and discuss the major threats of cyber crimes in current scenario on Business	06		
3	-	Define the cyber crimes and explain the types of cyber crimes	13	Understanding	BTL2
4	-	Explain Botnets- a fuel for cybercrimes	13	Understanding	BTL2
5	-	Identify the concept between conventional & cyber crime	13	Applying	BTL3
6	a	Examine the difference between a virus and worm and explain in details	07	Analysing	BTL4
	b	Analyse the various types of cyber attacks	06		
7	a	Recall on typical modus operation of an attack by cyber criminals	07	Remembering	BTL1
	b	What are the types of cyber attacks possible on mobile phones?	06		
8	-	State the meaning of information security and analyse the salient features of information securities	13	Analysing	BTL4
9	-	Listout the advantages of information security	13	Remembering	BTL1
10	a	Define cyber theft and denotes the various forms of cyber theft.	07	Remembering	BTL1
	b	Shortlist the characters of cyber criminals	06		
11	-	Explain the cyber stalking and kinds of stalkers.show how stalking works on cyber world?	13	Understanding	BTL2
12	-	Identify the impacts of cyber security against cyber crimes on corporate world.	13	Applying	BTL3
13		Apply the identity theft hack and how can be keyloggers be used to commit a cyber crime	13	Applying	BTL3
14		Discuss the technology development in cybercrime	13	Creating	BTL6

#### UNIT -I[PART-C]

1		Examine in detail about the mode and methods of committing cyber crimes	15	Evaluating	BTL5
2		Discuss the new trends in research on cybercrime and compare traditional criminal activity with cyber crime	15	Creating	BTL6
3		Determine the various pragmatic approaches at national, regional international levels of cybercrime?	15	Evaluating	BTL5
4		Elaborate phishing and explain the methods & counter measures of phishing	15	Creating	BTL6

### UNIT -II LEGAL PERSPECTIVE

**Introduction to the Legal Perspectives of Cybercrimes and Cyber security, Cybercrime and the Legal Landscape around the World, Why Do We Need Cyber laws, The Indian IT Act, Challenges to Indian Law and Cybercrime Scenario in India.**

#### [PART-A]

Q.No	Question	Competence	Level
1	Define cyber security	Remembering	BTL1
2	Define cyber law	Remembering	BTL1

3	Explain the term on cyber threat evolution	Understanding	BTL2
4	Elaborate the important of cyber contracts?	Creating	BTL6
5	What are security threats?	Remembering	BTL1
6	Explain security structure	Understanding	BTL2
7	What do you mean by copyright act	Remembering	BTL1
8	Describe about information system	Understanding	BTL2
9	Explain disposal of data?	Understanding	BTL2
10	Examine the new advance techniques implemented in world wide web?	Analysing	BTL4
11	Illustrate the concepts of web technology	Applying	BTL3
12	Analyze the cyber terrorism and how to tackle risks of cyber crime	Analysing	BTL4
13	Formulate the causes of insider threat? how does it affect organization.	creating	BTL6
14	Sketch the primary precaution steps after security attack?	Applying	BTL3
15	List any four web security challenges.	Remembering	BTL1
16	Evaluate the networks and security challenges?	Evaluating	BTI5
17	Analyze the human rights related with cyber space?	Analysing	BTL4
18	Summarize the importance of constitutional mandates?	Evaluating	BTL5
19	Point out the three symbiotic structures of cyber-ecosystem?	Analysing	BTL4
20	Define cyber espionage?	Remembering	BTL1

#### UNIT -II [PART-B]

Q.no	Question	Mark	Competence	Level
1	a What are the legal and security issues in cyber contracts?	08	Remembering	BTL1
	b What are the technical issues in cyber contracts?	05		
2	- write a note on cyberlaw and describes its advantages and disadvantages	13	Analysing	BTL4
3	a Explain difference between rights and responsibilities in cyber world	7	Understanding	BTL2
	b What are the essential components of cyber security?	6		
4	- What do you understand by the salient features of indian IT act	13	Understanding	BTL2
5	- Classify the backup security measures	13	Applying	BTL3
6	- Illustrate the principles of firewall design	13	Applying	BTL3
7	- Explain the components of cybersecurity framework?	13	Understanding	BTL2
8	a Which cybercrime is against government?	6	creating	BTL6
	b Is there any comprehensive law on cybercrime today?	7		

9	-	Writedown the detailed salient features & application of IT act?			
10	-	Analyze the best practices & challenges in cyber security	13	Analysing	BTL4
11	a	Evaluate the rule in indian regulation, blocking of website or deletion of content is described under which law.	13	Evaluating	BTL5
	b	What are the importanace of trust and security on cyberspace?			
12	-	Recall all the scope and development of cyber laws.	13	Remembering	BTL1
13	-	Briefly describe the roles and responsilities of IT manager for curbing cyber crimes	13	Remembering	BTL1
14	a	Why there is need for cyber law?explain in detail	6	Creating	BTL6
	b	Discuss cyber pornography?what are the motives behind of cybercrime.	7		
<b>UNIT -II [PART-C]</b>					
1	-	Explain the information system resources and activities and what may be the reason of failure of it	15	Evaluating	BTL5
2	-	Generalize the concept of application security? define it in the case of vendor challenges and user challenges for application security	15	Creating	BTL6
3	a	Explain difference between rights and responsibility in cyber world.	5	Evaluating	BTL5
	b	How freedom of speech and expression performs in social media platforms.	5		
	c	Describe criminalization of online speech and social media.	5		
4	-	Elaborate the various legal provision in indian perspective with the contemporary challenges of the cyber space?	15	Creating	BTL6

### UNIT –III CYBER ACT

**Consequences of Not Addressing the Weakness in Information Technology Act, Digital Signatures and the Indian IT Act, Cybercrime and Punishment, Cyber law, Technology and Students: Indian Scenario.**

[PART-A]

Q.No	Question	Competence	Level
1	What is information technology?	Remembering	BTL1
2	Define intellectual property rights	Remembering	BTL1
3	Classify the types of IPR.	Analysing	BTL4
4	What is digital signatures?	Remembering	BTL1
5	Describe about the digital evidence and digital certificate?	Understanding	BTL2
6	Point out of the two basic categories of online defamation cases	Analysing	BTL4
7	Classify the difference between forensics and investigation	Understanding	BTL2
8	Explain obscenity and pedophiles	Understanding	BTL2
9	Illustrate the concepts on cyber offences	Applying	BTL3
10	Summarize in detail about the forensics tools	Evaluating	BTL5

11	Classify the three cyber classification of forensics tools	Applying	BTL3
12	Define computer forensics	Remembering	BTL1
13	Label the four phases of cyber forensics	Remembering	BTL1
14	How would you describe defamation and cyber defamation separately? Discuss	Creating	BTL6
15	Generalize the term on national cyber security centre	Creating	BTL6
16	Identify the approaches applied through countries to combat against cybercrime ?explain any three	Applying	BTL3
17	What is internet protocol services?	Remembering	BTL1
18	Explain its effectiveness and utilization in the cyber crime investigation	Understanding	BTL2
19	Evaluate the methods of collecting digital evidence	Evaluating	BTL5
20	Define e-commerce in cyber platform	Remembering	BTL1

Q.No	Question	Mark	Competence	Level
1	- Trace out the historical background, objects, scope and commencement of it cyber Act	13	Remembering	BTL1
2	a Evaluate the concepts of computer forensics and list the details of flaws of computer forensics in current scenario	07	Evaluating	BTL5
	b Analyze the difference between the computer forensics and cyber forensics	06	Analysing	BTL4
3	- Explain electronic data interchange (EDI) and describe the process of checking the electronic signature	13	Understanding	BTL2
4	- Examine the term “cyber squatting” and what kind of protection available to the consumers in cyber world against it	13	Evaluating	BTL5
5	- Explain the role of government in regulating the internet censorship	13	understanding	BTL2
6	- Write a brief note on classification and advantages of B2C e-commerce and explains the challenges faced by it	13	understanding	BTL2
7	a Describe the detailed the phases of cyber forensics	07	Applying	BTL3
	b Illustrate the classification between cyber forensics and investigation	06		
8	- Explain the information technology and law of privacy related with the human rights.	13	Understanding	BTL2
9	- Listout the areas of exposure to online defamation in cyber world	13	Remembering	BTL1
10	a Analyze the digital evidence describe under IT act 2000	06	Analysing	BTL4
	b Classify the different types of digital evidence	07		
11	- Discuss the process of extraction and production of digital evidences in court of law	13	Creating	BTL6
12	a What are the primary offences discussed under IT act ,2000	08	Remembering	BTL1
	b What are the technological & practical issues in cyber space	06	Remembering	BTL1
13	- Describe the state the current young generation aware about the cyber technology	13	Understanding	BTL2

14	Generalize the practical and technological issues arises during analyzing digital evidence.	13	Creating	BTL6
<b>UNIT-III [PART – C]</b>				
1	Evaluate in details the public key functioning and protection provided by it under the electronic signature	15	Evaluating	BTL5
2	What is Biometrics? Elaborate its importance as an effective device curbing the virus attack in the network security	15	Creating	BTL6
3	Discuss the different types of digital evidence.what are the practical and technological issues arises during analysing digital evidence?	15	Creating	BTL6
4	Explain the legal approaches defamation and Evaluate the few judicial cyber cases pronounment which relates cyber defamation of corporate world	15	Evaluating	BTL5

### UNIT –IV CYBER LIABILITY

**Private ordering solutions, Regulation and Jurisdiction for global Cyber security, Copy Right–source of risks, Pirates, Internet Infringement, Fair Use, postings, criminal liability, First Amendments, Data Losing.**

#### [PART-A]

Q.No	Question	Competence	Level
1	What do you understand on computer software?	Remembering	BTL1
2	Define copyright law	Remembering	BTL1
3	Explain the civil liability under information technology	Understanding	BTL2
4	Define precensorship	Remembering	BTL1
5	Classify the difference on data loss and data leak	Analysing	BTL4
6	Sketch the strategies for data loss prevention (DLP)	Applying	BTL3
7	What is fair use in cyber space?	Remembering	BTL1
8	Examine the four factors of fair use.	Analysing	BTL4
9	Explain about the jurisdiction in cyber space.	Understanding	BTL2
10	Analyze the types of jurisdiction	Analysing	BTL4
11	What is internet jurisdiction?	Remembering	BTL1
12	Explain cloud computing?	Understanding	BTL2
13	Formulate the two basic categories of defamation cases.	Creating	BTL6
14	Discuss about the cyber attack coverage and data breach coverage	Creating	BTL6
15	Evaluate the rules on internet traffic regulation	Evaluating	BTL5
16	What are the first amendment law applied for media?	Applying	BTL3
17	Illustrate the concepts on private ordering layers	Applying	BTL3
18	What are electronic contracts?	Remembering	BTL1
19	Explain cyber libel	Understanding	BTL2
20	Explain the primary function of platform regulation in cyber	Understanding	BTL2

#### UNIT -IV [PART-B]



Q.no		Question	Mark	Competence	Level
1	a	Describe the seven layers of global cyber security	6	Understanding	BTL2
	b	Explain is cyber piracy? why it is so huge concerned in cyber law?	7		
2	-	Explain the understanding the purpose of electronic contracts	13	Remembering	BTL1
3	-	Explain the concept of jurisdiction and its types of jurisdiction in cyber law	13	Remembering	BTL1
4	-	Identify the interface of technology in cyber space	13	Applying	BTL3
5	-	Classify the different legal approaches to cyber libel	13	Analysing	BTL4
6	a	Illustrate the private ordering and the rise of terms of services as cyber regulation.	7	Understanding	BTL2
	b	Summarize about the term CIA Traid and its fundamentals function.	6		
7	a	Determine the personal cyber insurance cover ?how does it works on personal cyber space.	6	Evaluating	BTL5
	b	Elaborate the four categories of cyber and privacy insurance?	7		
8	a	Describe the methods to prevent data breaches	6	Remembering	BTL1
	b	Compare the difference between data loss and data leak	7	Understanding	BTL2
9	a	How does the first amendment applied to digital communication?	8	Applying	BTL3
	b	What are the premium features applied in data protection policy?	5		
10	-	Discuss the interface of technology and laws defining cyber laws	13	Creating	BTL6
11	-	What is fair use of computer programs under the Indian cyber law	13	Remembering	BTL1
12	-	Identify the various forms of infringement of trademark through cyberspace	13	Applying	BTL3
13	-	Discuss few judicial pronouncement which relate cyber defamation of corporate world.	13	Creating	BTL6
14	-	Discover how you protect your privacy in virtual world?	13	Analysing	BTL4

#### UNIT -IV [PART-C]

1	-	Explain the liability aspects of the internet service provider as per the information technology act, 2000	15	Evaluating	BTL5
2	-	Discuss the concepts of data file sharing technology in peer-to peer networks and implication on cyber copyrights	15	Creating	BTL6
3	-	Evaluate the copyright infringement risks associated with using social media	15	Evaluating	BTL5
4	-	Discuss the cyber law that how industrial designs created with the use of cyber technology can be protected in the light of the design act,2000	15	Creating	BTL6

#### UNIT -V CYBER CHANGES

**Ethics, Legal Developments, Cyber security in Society, Security in cyber laws case studies, General law and Cyber Law–a Swift Analysis.**



<b>[PART-A]</b>			
<b>Q.No</b>	<b>Question</b>	<b>Competence</b>	<b>Level</b>
1	Define cyber ethics	Remembering	BTL1
2	List out the two approaches of ethics in cyber law	Remembering	BTL1
3	Differentiate the category of consequentialism and deontological	Analysing	BTL4
4	How to develop a robust and good information security?	Understanding	BTL2
5	How to make ethical rules effective in cyber community?	Understanding	BTL2
6	Generalize the term on cyber prevention method	Creating	BTL6
7	Define Data governance	Remembering	BTL1
8	Examine the development of NavIC chip for commercial/ civilian purposes of cyber world	Applying	BTL3
9	Give few important rules of having good cyber ethics	Understanding	BTL2
10	What are the three main modules of online settlement?	Remembering	BTL1
11	Give the five major provision of cyber ethics	Understanding	BTL2
12	Illustrate the features of the ministry of electronic & information technology website	Remembering	BTL1
13	Analyse the role of government to regulate the internet( censorship)	Analysing	BTL4
14	What is cyber regulation appellate tribunal electronic records?	Remembering	BTL1
15	Classify the terms on electronic records retentions	Applying	BTL3
16	Apply the rules for tampering with computer source documents in web technology	Applying	BTL3
17	Discuss about the network security and cryptography	Creating	BTL6
18	Analyze the protocols ( TCP / IP)	Analysing	BTL4
19	Evaluate the contractual obligations in cyberspace	Evaluating	BTL5
20	Evaluate the legal Implications and risk management in cyberlaw	Evaluating	BTL5

<b>UNIT -V [PART-B]</b>				
<b>Q.no</b>	<b>Question</b>	<b>Mark</b>	<b>Competence</b>	<b>Level</b>
1	a	8	Remembering	BTL1
	b	5		
2	-	13	Analysing	BTL4
3	-	13	Understanding	BTL2
4	a	06	Understanding	BTL2
	b	07	Remembering	BTL1
5	-	13	Creating	BTL6

6	a	Illustrate the technical and technological security measures taken in cyber security	8	Applying	BTL3
	b	Illustrate the trends changing cyber security	5		
7	-	Define cyber security layer. why security layer forms under the ethical cyber law?	13	Remembering	BTL1
8	a	Why cyber security is more essential value for a modern day society?	6	Evaluating	BTL5
	b	Evaluate the role of social media in cyber security?	7		
9	-	What do you mean by online disputes resolution and describe the nature of online disputes resolution	13	Remembering	BTL1
10	-	Examine the computer networking and Analyse the functioning of VOIP as a communication technique in the cyber society.	13	Analysing	BTL4
11	-	Demonstrate about Encryption techniques	13	Understanding	BTL2
12	-	Distinguish between secret key encryption and public key encryption	13	Analysing	BTL4
13	-	Evolution of general law governing and regulating cyber-crimes in India	13	Evaluating	BTL5
14	a	Sketch the future aspects of cyber law enforcement agencies against cybercrimes.	7	Applying	BTL3
	b	Sketch the plan changing the future of cyber-situational awareness	6		

**UNIT-V[PART-C]**

1		Elaborate the cyber security professionals can encourage change by engaging in which long-term initiatives	15	Creating	BTL6
2		Construct in order to implement a few immediate measures to effect positive changes, what recommendations should cyber security professionals follow?	15	Creating	BTL6
3		Discuss , what was the motivation of the attackers in this following cases. (i) Hacking Government official websites (ii) Cosmos Bank Cyber Attack (iii) The Bank NSP Cyber case	15	Evaluating	BTL5
4		Evaluate the frameworks for establishing an ethical baseline in different environment of cyber world.	15	Evaluating	BTL5