



# GEETHANJALI INSTITUTE OF SCIENCE & TECHNOLOGY

(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu)

(Accredited by NAAC with "A" Grade, NBA (EEE, ECE & ME) & ISO 9001:2008 Certified Institution)

## QUESTIONBANK(DESCRIPTIVE)

**Subject Name with Code: CYBER SECURITY (22A0534a)**

**Course & Branch: B.Tech & CSE(CYBER SECURITY)**

**Year & Semester: III & I**

**Regulation: RG22**

### UNIT - I

S.No.	Question	[BT Level] [CO] [ Marks]
<b>2 Marks Questions (Short)</b>		
1.	Define cyber security	[BT1][CO1][2]
2.	Define cyber crime	[BT1][CO1][2]
3.	What is an information security	[BT2][CO1][2]
4.	What is hacking	[BT2][CO1][2]
5.	What is web jacking	[BT2][CO1][2]
6.	Define digital signature	[BT1][CO1][2]
7.	What is email spoofing	[BT2][CO1][2]
8.	Define spamming	[BT1][CO1][2]
9.	What is email bombing	[BT2][CO1][2]
10.		
<b>Descriptive Questions (Long)</b>		
11.	Define the cyber criminals? Explain the types of cyber criminals.	[BT1][CO1][10]
12.	Define cyber crime? Explain classification of cyber crime.	[BT1][CO1][10]
13.	What is the Legal perspective of cyber crime.	[BT2][CO1][10]
14.	What is information technology Act 2000? Explain the features of the information technology Act.	[BT2][CO1][10]
15.	Discuss Indian perspectives on cyber crimes.	[BT2][CO1][10]
16.	Explain global perspectives on cyber crime.	[BT2][CO1][10]
17.	Explain cyber crime information security .	[BT2][CO1][10]
18.		

### UNIT - II

S.No.	Question	[BT Level] [CO] [ Marks]
<b>2 Marks Questions (Short)</b>		
1.	Define social Engineering?	[BT1][CO2][2]
2.	What is cyber stalking?	[BT2][CO2][2]
3.	What is cyber café ?	[BT2][CO2][2]
4.	What is an attack vector ?	[BT2][CO2][2]
5.	Define steganography?	[BT1][CO2][2]
6.	What is active attack.	[BT2][CO2][2]
7.	What is passive attack.	[BT2][CO2][2]
8.		
9.		
<b>Descriptive Questions (Long)</b>		
10.	Illustrate how cyber criminals plan cyber attacks.	[BT3][CO2][10]
11.	Define social Engineering ? Explain classification of social Engineering	[BT1][CO2][10]
12.	What is cyber stalking ? Explain various types of stalkers	[BT2][CO2][10]
13.	Explain cyber cafe and cyber crime.	[BT2][CO2][10]
14.	Describe attack vector	[BT2][CO2][10]
15.	Explain SQL Injection?	[BT2][CO2][10]
16.		
17.		

### UNIT - III

S.No.	Question	[BT Level] [CO][ Marks]
<b>2 Marks Questions (Short)</b>		
1.	What are the mobility types.	[BT2][CO3][2]
2.	What kinds of attacks are possible on mobiles	[BT2][CO3][2]
3.	What kinds of cyber security measures on organizations	[BT2][CO3][2]
4.	Define RAS security	[BT1][CO3][2]
5.	What is LDAP Security	[BT2][CO3][2]
6.	Define mishing	[BT1][CO3][2]
7.	Define vising	[BT1][CO3][2]
8.		
<b>Descriptive Questions (Long)</b>		
9.	Explain proliferation of mobile and wireless devices	[BT2][CO3][10]
10.	Brief describe credit card frauds in mobile and wireless computing and its types	[BT2][CO3][10]
11.	Explain Authentication Service Security?	[BT2][CO3][10]
12.	Explain types of Mobile phone attacks.	[BT2][CO3][10]
13.	Explain Scurity implications for organizations?	[BT2][CO3][10]
14.	Describe Organization Measures for Handling Mobile.	[BT2][CO3][10]
15.		

### UNIT - IV

S.No.	Question	[BT Level] [CO][ Marks]
<b>2 Marks Questions (Short)</b>		
1.	What is Virus	[BT2][CO4][2]
2.	What is the difference between proxy server and anonymizer	[BT2][CO4][2]
3.	What is the difference between DOS and DDOS	[BT2][CO4][2]
4.	Define Phishing	[BT1][CO4][2]
5.	What is backdoor	[BT2][CO4][2]
6.	What is Trojan Horse	[BT2][CO4][2]
7.	What is blue jockey	[BT2][CO4][2]
8.	Define blue bugging	[BT2][CO4][2]
9.		[BT1][CO4][2]
10.		
<b>Descriptive Questions (Long)</b>		
11.	Explain keyloggers and spywares	[BT2][CO4][10]
12.	Draw a neat sketch and explain various virus and worms and its types.	[BT4][CO4][10]
13.	Explain the types of DOS attacks.	[BT2][CO4][10]
14.	Explain the types of buffer overflows attacks.	[BT2][CO4][10]
15.	Describe attacks on wires networks.	[BT2][CO4][10]
16.	Describe proxy servers and Anonymizers?	[BT2][CO4][10]
17.		
18.		

## **UNIT - V**

<b>S.No.</b>	<b>Question</b>	<b>[BT Level] [CO][ Marks]</b>
<b>2 Marks Questions (Short)</b>		
1.	What is a security breach	[BT2][CO5][2]
2.	What is meant by insiderthreat	[BT2][CO5][2]
3.	Mention any two best practices to be followed while using social marketing tools	[BT3][CO5][2]
4.	Define firewall	[BT1][CO5][2]
5.	What is importance of data privacy	[BT2][CO6][2]
6.	What are the challenges in controlling access to web applications.	[BT2][CO6][2]
7.	What is Bandwidth wastage issues.	[BT2][CO6][2]
8.		
9.		
10.		
<b>Descriptive Questions (Long)</b>		
11.	Write short note on organizational best practices for cyber security.	[BT2][CO5][10]
12.	Explain the web threads for organizations.	[BT2][CO5][10]
13.	What are cost associate with cyber crime .	[BT2][CO5][10]
14.	What care should organizations take in social media marketing	[BT2][CO5][10]
15.	Describe forensic best practices for organizations.	[BT2][CO6][10]
16.	Describe security and privacy implications.	[BT2][CO6][10]
17.		
18.		

**Signature of the Staff:**

**Signature of Department Academic Committee Member 1:**

**Signature of Department Academic Committee Member 2:**

**Signature of Department Academic Committee Member 3:**