

		SAGAR INSTITUTE OF SCIENCE & TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING <u>QUESTION BANK</u>		FORM NO	
BRANCH	CSE			REV. NO	
SEMESTER	V			REV. DT	
NAME OF THE FACULTY: DR. P.S. CHAUHAN					
SUBJECT/CODE : Cyber Security/ CS-503 C					

Unit -I

1. Explain the term Cyber Crime. List down some important cyber crimes and explain each of them briefly. CO1
2. What are the various classifications of Cyber Crime? Explain each briefly. CO1
3. Explain different challenges that are involved in Cyber Crime. CO1
4. What is Spoofing? Explain different types of spoofing. CO1
5. What is Internet Time Theft? How one can protect from it. CO1
6. What is Salami Attack? Give some examples of Salami Attack. CO1
7. Explain Spamming. Describe types of spamming in cyber space. CO1
8. What are the techniques that one can use to protect ourselves from Cyber Attack. CO1
9. What is Cyber Warfare? Explain it briefly with an example. CO1
10. Explain Cyber espionage. Explain various methods by which we one can protect ourselves from Cyber espionage. CO1

Unit -II

1. Explain Web Jacking. How it is performed. CO2
2. What is Software Piracy? Write down various activities that constitute software piracy. CO2
3. Explain the term 'Frauds' with reference to cyber crime. Explain various types of online frauds. CO2
4. What are Intruders? Explain different types of Intruders. CO2

5. What is Computer Network Intrusions. Explain how Intrusion Detection Systems(IDS) works. CO2
6. What is Password Sniffing? How it is performed. CO2
7. Explain the Concept of Virtual crime. CO2
8. Explain following terms CO2
 - a) Insurgents group
 - b) Extremist group
9. Explain Session Hijacking. Also explain how it is initiated. CO2
10. What do you understand by “Attack on web server”? Explain how attacks on Web server can be avoided. CO2

Unit -III

1. Explain IT ACT 2000. How it is helpful in today’s scenario. CO3
Explain important provisions of Cyber Crimes in the IT Act, 2000. CO3
2. Explain Vandalism. What is Teenage Web Vandals. CO3
Explain following in terms of Cyber Crime. CO3
 - i) Defamation
 - ii) Harassment
3. Write down the strategies to tackle Cyber Crime. CO3
4. Write down various IT Act Offences. CO3
5. Explain different types of penalties that are imposed for Cyber Crime. CO3
6. What is E-Mail abuse? Explain in detail. CO3
7. What is Cyber Stalking? How we can tackle with it. CO3
8. Explain the need of Cyber security. CO3

Unit -IV

1. Explain Indian Evidence Act 1872. CO4
2. Compare Indian Evidence Act 1872 with IT Act 2000. CO4
3. Explain how Electronic Records can be used as evidence in Cyber Crime. CO4
4. What are Electronic evidences? Explain with an example. CO4

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| 5. Explain digital Signature. How it can be used in Cyber Security. | CO4 |
| 6. What are Electronic Agreements? How it can be performed. | CO4 |
| 7. Explain the role of Electronic Messages in Cyber Security. | CO4 |
| 8. Explain term copyright act and patent law. | CO4 |
| 9. How validity of digital evidence can be checked. | CO4 |
| 10. What is secure electronic transaction (SET). Explain briefly. | CO4 |

Unit -V

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| 1. Explain different tools and methods that are used to deal with cyber crime. | CO5 |
| 2. What are Anonymizers? Explain its role in cyber security. | CO5 |
| 3. Explain Keyloggers with its types. | CO5 |
| 4. Differentiate among Spyware, Malware and Adware. | CO5 |
| 5. Explain virus with its types. How it is different from worms. | CO5 |
| 6. Explain DoS and DDoS Attacks in terms of cyber security. Explain different techniques that are used behind such attacks. | CO5 |
| 7. Explain following terms: | CO5 |
| i) Trojan horse. | |
| ii) Backdoor. | |
| iii) Logic Bomb. | |
| 8. Explain buffer and overflow attack. | CO5 |
| 9. Explain wireless network. How attack on wireless networks takes place. | CO5 |
| 10. What is Phishing? Explain different techniques of Phishing. | CO5 |

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