



SIDDHARTH GROUP OF INSTITUTIONS :: PUTTUR
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QUESTION BANK (DESCRIPTIVE)

Subject with Code : Cyber Crime Investigations and Digital Forensics(16CS5805)

Course & Branch: M.Tech - CSE

Year & Sem: I M.Tech& I-Sem

Regulation: R16

UNIT-I

Introduction to Cybercrimes, Cyber offenses

1. (a) What is Cybercrime? Who are Cybercriminal? Explain? [L2, L3/5M]
(b) Classify Cybercrimes? Explain with examples? [L2/5M]
2. (a) Explain about legal perspectives of Cybercrimes? [L2/5M]
(b) Explain about Indian perspectives of Cybercrimes? [L2/5M]
3. (a) Discuss about Cybercrime and the Indian ITA 2000? [L3/5M]
(b) Explain different types of Cybercrimes and how security will provide? [L3/5M]
4. How the Criminals Plan the Attacks? Explain with examples? [L2/10M]
5. Explain about the impact of Cybercrimes in Social Engineering? [L3/10M]
6. (a) What if Cyber Offenses? Discuss? [L2/5M]
(b) Write about Cyber café and Cybercrimes? [L1/5M]
7. (a) What are Botnets? Explain [L2/5M]
(b) How Botnets Involved in Cybercrimes? [L2/5M]
8. (a) Write about the Fuel for Cybercrimes? [L1/5M]
(b) Discuss about the Attack Vector? [L2/5M]
9. What is Cloud Computing? Explain all the Services provided by Cloud Computing? [L3/10M]
10. How Cybercriminal attacking Cloud Services? Explain with examples? [L2/10M]

UNIT-II**Cybercrime: Mobile and Wireless Devices**

1. (a) What is Proliferation of Mobile and Wireless Devices? Explain? [L2, L3/5M]
(b) What are different trends in Mobility? [L2/5M]
2. (a) Discuss about the Cybercrime activities in Mobile Devices? [L2/5M]
(b) Write about the Cybercrime activities in Wireless Devices? [L1/5M]
3. (a) What are different trends in Wireless devices? [L3/5M]
(b) Explain about Credit card frauds in Mobile and Wireless Computing era? [L1/5M]
4. What are different security challenges posed by mobile devices? Explain? [L2/10M]
5. What are different Registry Settings for Mobile Devices? Explain? [L3/10M]
6. (a) Discuss about Authentication Service Security? [L1/5M]
(b) Write about Mobile/Cell Phone attacks? [L1/5M]
7. (a) Discuss about the Security implications for Organizations? [L1/5M]
(b) What different Organizational measures for handling Mobile? [L2/5M]
8. (a) Explain about the Organizational Security policies for mobile devices? [L3/5M]
(b) What are different security policies on measures in Mobile devices? [L2/5M]
9. What are different Security policies on Laptops and Wireless devices? Explain? [L3/10M]
10. Explain about different Cyber Security aspects of Mobile and Wireless Devices? [L1/10M]

UNIT-III**Cybercrimes and Cyber Security : the Legal Perspectives**

1. (a) Discuss about the legal landscape of cybercrime around the world? [L2, L3/5M]
(b) What are the different legal perspectives for cybercrimes? [L2/5M]
2. (a) Write about the Indian context of cyber laws? [L2/5M]
(b) Why do we need cyber laws? Explain? [L2/5M]
3. Explain about Indian IT ACT? [L3/10M]
4. (a) Discuss about the challenges to Indian cyber laws? [L3/5M]
(b) Explain about the Cyber scenarios in India? [L2/5M]
5. Discuss about digital signatures in Cyber security? [L3/10M]
6. (a) Write about digital signatures in Indian IT ACT? [L1/5M]
(b) Write about the Amendments to the Indian IT ACT? [L1/5M]
7. (a) Explain about the Cybercrime and punishments over world? [L1/5M]
(b) Explain about the Cybercrime and punishments in India? [L2/5M]
8. Explain about Cyber laws over world and in India? [L1/10M]
9. Discuss about the Cybercrime impact on students in Indian scenario? [L3/10M]
10. Write about the cybercrime impact on students in world wide? [L2/10M]

UNIT-IV**Understanding Computer Forensics**

1. Discuss about the Historical background of Cyber forensics? [L2, L3/10M]
2. Discuss about the Forensics Science and Computer Forensics? [L2/10M]
3. (a) Write about Digital Forensics? [L2/5M]
(b) Why we need the Computer Forensics? [L2/5M]
4. (a) Explain about Cyber Forensics and digital evidence?[L3/5M]
(b) Write about Forensics analysis of Email? [L3/5M]
5. Explain about digital Forensics lifecycle? [L2/10M]
6. Explain about Chain of Custody with Example? [L3/10M]
7. Discuss about Network Forensics? [L2/10M]
8. (a) Write about Forensics Investigations? [L2/5M]
(b) Explain about Forensics Investigation in India? [L2/5M]
9. Discuss about the challenges in computer forensics? [L2/10M]
10. (a) Explain about the tools and techniques in computer forensics? [L3/5M]
(b) What is Forensics auditing? Explain? [L2 /10M]

UNIT-V**Cyber Security: Organizational Implications**

1. (a) What are IPR issues? Explain? [L2, L3/5M]
(b) What is cost of Cybercrimes? [L2/5M]
2. Discuss about the web threats for Organizations? [L2/10M]
3. Explain about Security and Privacy implications? [L3/10M]
4. Discuss about Social media Marketing? [L2/10M]
5. (a) What are different Security Risks for Organizations? [L3/5M]
(b) What are different perils for Organizations? [L3/5M]
6. Discuss about Social Computing? [L1/10M]
7. Explain about the Social Computing and associated challenges for Organizations? [L2/10M].
8. Explain the organizational implications in India? [L1/10M]