

C. ABDUL HAKEEM COLLEGE (AUTONOMOUS),MELVISHARAM
DEPARTMENT OF COMPUTER SCIENCE & APPLICATION
QUESTION BANK FOR CYBER SECURITY(U24SCA301)
STAFF INCHARGE: Prof. K. ABDUL AHED

Unit-I:

2 Marks

1. Define Computer Security.(K1)
- 2.Recall Access Control.(K1)
- 3.What is Firewall?(K1)
- 4.Define Encryption.(K1)
- 5.Summarize Authentication.(K2)
- 6.Interpret Cipher Text.(K2)
7. What is Cryptography?(K1)
- 8.Summarize Public Key Cryptography.(K2)
- 9.Summarize Secret Key Cryptography.(K2)
- 10.Define Hash Function.(K1)

5 Marks

- 1.Analyze the need for Security.(K4)
- 2.List out the Security Services.(K4)
- 3.Explain about the methods of Implmenting Security.(K5)
- 4.List in detail about the features of Security.(K4)
- 5.Inspect about the types of Security Attacks.(K4)
- 6.Explain about Cryptographic Terminology.(K5)

10 Marks

1. Elaborate about types of Computer Security.(K6)
- 2.Discuss about Public Key Cryptography.(K6)
- 3.Discuss about Secret Key Cryptography.(K6)

Unit-II:

2 Marks

1. Define Cyber Crime.(K1)
2. Recall Cyber Security.(K1)
3. What is Man-in-the-Middle Attack?(K1)
4. Define Phishing.(K1)
- 5 Outline Ransomware.(K2)
6. Summarize SQL Injection(K2)
7. What is DNS Spoofing.(K1)
8. Summarize Eavesdropping.(K2)
9. Rephrase Cyber Stalking.(K2)
10. Define Brute –Force Attack.(K1)

5 Marks

1. List out the challenges of Cyber Security.(K4)
2. List out the guidelines for preventing Cyber Crime.(K4)
3. Explain about the history of Cyber Security.(K5)
4. Classify the different types of Active Cyber Attacks.(K4)
5. Classify the different types of Passive Cyber Attacks.(K4)
6. Distinguish between Active and Passive Cyber Attacks.(K4)

10 Marks

1. Explain in detail about the classification of Computer Crime.(K6)
2. Compare the cyber security trends in present and future.(K6)
3. Determine the measures of preventing cyber attacks.(K6)

Unit-III:

2 Marks

1. What is Information Security?(K1)
- 2.Rephrase Confidentiality.(K2)
- 3.What is Penetration Testing?(K1)
- 4.Define Keylogger.(K1)
- 5.Outline Password Tracking.(K2)
- 6.Define Trojans.(K1)
7. What is Spyware.(K1)

5 Marks

1. List out the Principles of Information Security.(K4)
- 2.Inspect the need for Data and Network Security.(K4)
- 3.Distinguish the types of Penetration Testing.(K5)
- 4.Categorize the types of Phishing Attack.(K4)

10 Marks

1. Discuss about the various Password Tracking Tools.(K6)
- 2.Inspect the affect of Spyware in the system and Prevention of Spyware.(K6)
- 3.Elaborate about the Keyloggers.(K6)

Unit-IV:

2 Marks

1. List out the challenges in cloud security.(K1)
2. Outline Cloud Security Management.(K2)
3. What is SaaS Security?(K1)
4. Outline the importance of SaaS Security.(K2)
5. Define IDS.(K1)
6. Define Data Theft.(K1)
7. Summarize Anomaly Detection.(K2)
8. List out the classification of IDS.(K1)
9. Expand NIDS&HIDS(K1)
10. Define NIDS.(K1)

5 Marks

1. Examine the types of SaaS Security(K4)
2. Explain about IDS Process.(K4)
3. Inspect the problems of System Intrusion.(K4)
4. Categorize the methods of Anomaly Detection.(K4)
5. Classify Intrusion Detection System.(K4)
6. Measure the benefits of IDS(K5)
7. Criticise the challenges of IDS.(K5)

10 Marks

1. Discuss about the challenges of Cloud Security.(K6)
2. Determine the types of Network Attack.(K5)
3. Elaborate about IPS.(K6)

Unit-V:

2 Marks

1. Define Hacking.(K1)
2. List out the types of Hacking.(K1)
3. Identify the goal of Hacking.(K3)
4. What is Ethical Hacking?(K1)
5. List out the types of Ethical Hacking.(K1)
6. List out the types of Hackers.(K1)
7. Define Sniffing.(K1)
8. Summarize Email Tracking.(K2)
9. What is Digital Forensics?(K1)
10. List out the challenges of Digital Forensics.(K1)
11. Name the methods of Digital Forensics.(K1)
12. Outline the applications of Digital Forensics.(K2)
13. Define Data Privacy.(K1)
14. Identify the need for Data Privacy.(K3)

5 Marks

1. Categorize the types of Hacking.(K4)
2. Discover the Importance of Hacking.(K4)
3. Explain about the types of Hackers.(K5)
4. Determine about the concept of Sniffing.(K5)
5. Discuss about the benefits of Digital Forensics.(K6)

10 Marks

1. Distinguish about the different types of Ethical Hacking.(K4)
2. Examine the types of Scanning.(K4)
3. Elaborate about the classification of Digital Forensics.(K6)
4. Explain about the benefits of Digital Forensics.(K5)
5. Assess the importance of Data Privacy.(K5)