



QUESTION BANK

Class: IV Year I Semester
Subject: Cybersecurity
Branch: EEE

Academic Year: 2024-25
Code: 20A05705a
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2-Marks

1. Define cybercrime?
2. What is an information security?
3. What is hacking?
4. What is Web Jacking ?
5. Define digital signature?
6. Define Social Engineering?
7. What is Cyber stalking?
8. What is cyber café?
9. What is an attack vector?
10. Define Cloud Computing?
11. What are the mobility types
12. What kinds of attacks are possible on mobiles
13. What kinds of cyber security measures an organization
14. Define RAS Security
15. What is LDAP Security
16. What is virus
17. Define Mishing
18. Define Vishing
19. How to protect from Smishing Attacks
20. What is Bluejacking
21. Define Bluebugging
22. What is the difference between proxy server and an anonymizer
23. What is the difference between Dos and DDos
24. What is backdoor does
25. What is a security breach
26. What is meant by insider threat
27. Mention any two best practices to be followed while using social marketing tools.

UNIT-I

1. (a) Define the cyber criminals? Explain the types of Cyber Criminals-understand
(b) Define cybercrime? Explain Classification of Cyber Crimes
2. (a) What is the legal perspective of cybercrime? (b) Why are cyber laws important in India?
3. What is Information Technology Act 2000? Explain the features of the Information Technology Act?

4. Compare and contrast the Indian and global perspectives on cybercrimes?

UNIT-II

5. Illustrate How cybercriminals plan cyber attacks?
6. Define Social Engineering? Explain Classification of Social Engineering
7. What is Cyberstalking? Explain various Types of Stalkers
8. What is cyber café and cybercrime?
9. What is an attack vector? Explain details
10. Define Cloud Computing? Explain Types of Services

UNIT-III

11. Explain Proliferation of mobile and wireless devices
12. Briefly describe Credit card frauds in mobile and wireless computing and its Types.
13. Explain Authentication services security
14. Explain the types of mobile phone Attacks
15. Explain Security Implications for organizations
16. Explain the Devices related Security Issues
17. Explain mobile device security policies.

UNIT-IV

18. Explain Keyloggers and Spywares.
19. Draw a neat sketch and explain virus and worms and its types
20. Explain working principles of steganography
21. Explain the types of DOS Attacks
22. Explain SQL Injection
23. Explain the types of Buffer overflows Attacks.

UNIT-V

24. Explain the impact it has on an organization in security breach
25. Prepare the short note on organizational best practices for cyber security
26. Explain the Web Threats for Organizations
27. What are the costs associated with cyber crimes
28. What care should organization take in social media marketing

.....ALL THE BEST.....