

CYBER SECURITY ANALYST/ASSURANCE TEST

Time:1hr 15min

1. What are the key differences between Symmetric and Asymmetric encryption?
2. What is the least that you should have on your home network?
3. What is Encryption? Why is it important?
4. What is a CIA triad?
5. What do you understand by Risk, Vulnerability & Threat in a network?
6. How do you differentiate between IPS and IDS system?
7. What are the steps to set up a firewall?
8. Explain SSL and TLS?
9. What are salted hashes?
10. How could identity theft be prevented?

11. How can you prevent man in the middle(M.I.T.M) attack?
12. Explain encoding, hashing, and encryption?
13. What is a DDoS attack? How is it mitigated?
14. Why do you need DNS monitoring?
15. What is a three-way handshake?
16. What are black hat, white hat and grey hat hackers?
17. How often should you perform Patch management?
18. Can you explain what application security is?
19. Mention some common cyber attacks you are aware of.
20. How would you reset a password-protected BIOS configuration?
21. What is Cross Site Scripting?
22. What is the difference between Cybersecurity and Network Security?

24. What is 2FA and how can it be implemented for the public websites?

25. What technique can be used to prevent brute force login attack?

26. What is Cognitive Cybersecurity?