

# **CYBER SECURITY ASSIGNMENT QUESTION**

## **DAY 43**

- 1. Describe the difference between passive and active reconnaissance in system hacking.**
- 2. Explain how steganography differs from cryptography in hiding information.**
- 3. Describe two common steganalysis techniques used to detect hidden messages in images.**
- 4. Explain the importance of covering tracks in hacking and provide an example of a covering track technique.**
- 5. Discuss the role of penetration testing in uncovering system and network vulnerabilities.**