Cyber Security QBank

- What is VPN. Explain its working with advantages and disadvantages
- How does DNS works and how does DNS is vulnerable to attacks
- Explain HTTP status and HTTP response messages with its codes
- Explain Vulnerability Assessment and its features
- Explain different Mobile Application Vulnerabilities
- Explain difference between TCP and UDP
  Explain tyes of types of cryptographic attacks
- Explain various Web Server Vulnerabilities
- Expalin the concept of tunneling in networking with diagram
- Explain various types of Access controls and its types
- Explain common Network Security threats and its countermeasures
- Explain Common Cyberattacks on Web Applications
  Explain types of network analyzers and their functions
- Differentiate between symmetric and asymmetric encryption
  Explain the working of DNS
- Explain CIA Components
- What are firewalls. Explain diff types of Firewalls
- Explain SQL Injectiion and cross-site scripting (XSS) , how to dtectect and prevent the same. Explain the same with tools
- What is Reconassaince . Explain its types in detail along with tools associated with it
- In detail, explain Intrusion Detection System (IDS) and an Intrusion Prevention System (IPS)
- Explain common cyber-attacks on web applications and its methods and impacts
- Firewall and its Applications
- What is TCP and explain TCP 3 way Handshake mechanism
- Explain the concept of Hashing & Hasj Cryptography and its usage in detail
- Read Case studies- uploaded in Google classroom+ case studies asked in IA's+Others
- Explain different types of scanning (port, network and vulnerability) and write differences between in it
- Explain VAPT wrt SQL Injection Attack
  Case study: In 2021, Domino's India faced a data breach exposing customer information.
  Explain side channel attack
- Explain Dos and DDos Attacks
  Explain wiresharjk and its features
- Explain digital Signature and digital certificate
- Explain Configuring Chrome to work with Burp
  Explain web application attacks