CCM Question bank

Unit 1

1. What is cybercrime, and how is it defined?
2. Categorization of cybercrimes. Explain each one of them briefly.
3. Categorization of cyber criminals. Explain each one of them briefly.
4. State the difference between cybercrime and cyber fraud. Justify your answer with example.
5. Explain in your own words: What do you understand about global population/workforce required in fighting against cybercrime?
6. Define the following:
   1. Cyberspace
   2. Cybersquatting
   3. Cyber punk
   4. Cyber warfare
   5. Cyber terrorism
7. Explain the relationship between cyber security and information security.
8. Discuss various types of cybercrimes including their modus operandi, impact, severity level and affected cyber security principles. (Types include: fishing, ransomware, identity theft, DDoS, insider threats, social engineering, malware attacks, cyber espionage, financial fraud, and crypto jacking)
9. Discuss various types of mitigation strategies for the following:
   1. Attacks against individuals
   2. Attacks against organization
   3. Attacks against government
   4. Attacks against society
10. Discuss any two case studies related to cybercrime. Describe the incident and its impact along with the mitigation strategy adopted.
11. Write a note on the factors causing cybercrime.
12. Write a note on the impact of cybercrime on individuals and organizations at large.
13. Discuss the survival mantra for netizens to protect themselves against cybercrime.
14. Discuss the architecture of OpenVAS and state its importance in cybercrime and mitigation.
15. Discuss the architecture of Metasploit and state its usefulness in cybercrime investigation.