

## **ASSIGNMENT -6**

1. Define ethical hacking and distinguish it from malicious hacking, highlighting the importance of ethical considerations.
2. Explain the concept of open-source intelligence (OSINT) and its role in information gathering for ethical hacking.
3. Discuss the legal and ethical considerations involved in conducting network scanning and enumeration during ethical hacking activities.
4. How does Google Hacking contribute to footprinting and information gathering in ethical hacking?
5. Describe the significance of networking fundamentals in the context of ethical hacking and incident response planning (IRP).