



**Q.3. Answer the following. (Solve any 5) (10)**

1. Explain the function of Bridges in Networks?
2. Explain the term “White Hack Hacking”.
3. Explain the term “Vulnerability”.
4. Define the term “Dumpster Diving”
5. Define the term “Reverse Social Engineering”.
6. Define the term “Polymorphism”.
7. Explain the use of subnetting in Class C network.

**Q. 4. Answer the following in detail. (Solve any 6) (30)**

1. Write a short note on “Three Way Handshake”.
2. What is port scanning? Explain any two types of port scanning.
3. Define term “Network”. Explain following types of Network; a) MAN b) WAN
4. Write a short note on “Reverse Engineering”.
5. Write a short note on ‘Non-Technical Attack’.
6. Explain the PING command in detail with options.
7. Write a short note on “Honeypot”.

**Q. 5. Answer the following in detail. (Solve any 1) (10)**

1. Explain in detail TCP/IP 5 layer Model.
2. Explain in detail working of any 5 networking hardware components.

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