

3. Define logic gate.
4. What is the Internet? State its uses.
5. What is Wi-Fi network?
6. Convert $(345)_{10} = (?)_{16}$

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

1. Explain working of DHCP server.
2. Explain any 3 topology in detail.
3. Explain NOR and NAND gates in detail.
4. What is an IP address? Explain the classes of it
5. Explain types of scanner in detail.
6. Explain IPv6 in detail.
7. Write short note on Algorithms and flowcharts with example

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

1. Explain types of network in detail.
 2. Explain OSI reference model in detail.
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