



4. Differentiate between positional and non positional number systems.
5. What is server and client?
6. List the uses of the Internet

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

1. Write a note on WEP Security
2. Define network topology. Explain any two types of network topologies
3. Explain AND and NAND gate.
4. Write a note on printer.
5. Explain working of DHCP server.
6. Convert the following: a)  $(110101011)_2 = (?)_{10}$       b)  $(51264)_{10} = (?)_{16}$
7. What is algorithm? What are the different components of flowchart?

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

1. Explain primary storage device
  2. Explain OSI reference model
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