## **CCA-102: Data Communications**

## **ASSIGNMENT**

- 1. What are the different types of networks?
- 2. Explain the Shielded twisted pair (STP) and Unshielded twisted pair (UTP)
- 3. What is difference between baseband and broadband transmission?
- 4. What is the difference between a hub, modem, router and a switch?
- 5. When you move the NIC cards from one PC to another PC, does the MAC address gets transferred as well?
- 6. When troubleshooting computer network problems, what common hardware-related problems can occur?
- 7. In a network that contains two servers and twenty workstations, where is the best place to install an Anti-virus program?
- 8. Define Static IP and Dynamic IP? Discuss the difference between IPV4 and IPV6.
- 9. Discuss TCP/IP model in detail.
- 10. What is a Web Browser (Browser)? Give some example of browsers.
- 11. What is a search engine? Give example.
- 12. What is the Internet & WWW? What are the uses of internet in our daily life?
- 13. What is an Internet Service Provider? Give some example of ISP in India.
- 14. Discuss the difference between MAC address, IP address and Port address.
- 15. How do we view my Internet browser's history?