BRAIN INTERNATIONAL SCHOOL

SUBJECT : CS **CLASS –XII Assignment** **October-2024**

Ch-10, 11 Networking

Q1. Define Networking. Mention the benefits of Networks.

Q2. Explain different types of Networks.

Q3. Define Network Topology. Explain different types of Network Topologies.

Q4. Explain ARPANET.

Q5. Explain different types of Switching Techniques.

Q6. Write difference between Circuit switching and Packet Switching.

Q7. Explain the following types of Networking Devices.

    (1) NIC
    (2) MODEM
    (3) Hub
    (4) Switch
    (5) Router
    (6) Gateway
    (7) Bridge
    (8) Repeater

Q8. Define the following:

    (1) MAC Address
    (2) IP Address
    (3) URL

Q9. Define Protocol. Explain the following types of Protocol.

    (1) TCP/ IP (2) FTP (3) PPP (4) SMTP (5) POP 3 (4) TELNET (5) HTTP

Q10. Differentiate between Web Server and Web Browser.