All questions are compulsory

1. What type of network architecture is ideal for small environments with up to ten computers? (1)
(a) Peer-to-Peer
(b) Client-Server
(c) Cloud Computing
(d) Grid Computing

2. Which architecture involves a central server managing multiple clients? (1)
(a) Peer-to-Peer
(b) Client-Server
(c) Star
(d) None of these

3. Which type of transmission media uses cables or wires to transfer information? (1)
(a) Wired
(b) Wireless
(c) Radio
(d) Infrared

4. Which network covers a limited area such as a room or building? (1)
(a) WAN
(b) PAN
(c) LAN
(d) None of these

5. What does a Personal Area Network (PAN) allow? (1)
(a) Communication among devices in a small area
(b) Connecting different cities
(c) Accessing the internet
(d) None of these

6. What is the name of a network that is private to an organisation? (1)
(a) Internet
(b) Intranet
(c) Extranet
(d) VPN

7. What is a hub used for? (1)
(a) Cooking food
(b) Connecting computers to exchange data
(c) Writing documents
(d) None of these

8. What is a computer network? (1)
(a) A single computer
(b) A group of connected computers
(c) A type of software
(d) None of these

9. What does a Network Interface Card (NIC) provide? (1)
(a) Internet speed
(b) Interconnection between network and computers
(c) Data storage
(d) None of these

10. Which type of network covers a small area of nearly ten meters? (1)
(a) LAN
(b) WAN
(c) PAN
(d) MAN

11. Which wireless technology allows communication and sharing of information over short distances? (1)
(a) Wi-Fi
(b) Bluetooth
(c) Infrared
(d) Microwave