Internet Notes

1. Introduction to Internet
The Internet is a global network of interconnected computers that communicate using standard protocols. It enables sharing of information, communication, and access to resources worldwide. **2. Key Terms**
• **IP Address:** A unique identifier assigned to each device on the internet.
• **Domain Name:** Human-readable website name (e.g., google.com).
• **URL:** Uniform Resource Locator, the address of a web page.
• **Browser:** Software to access websites (Chrome, Firefox, etc.).
• **Server:** A system that stores and serves data to clients. **3. How the Internet Works**
Data is broken into packets and transmitted through routers and switches until it reaches the destination. **4. Internet Services**
• Email
• Web browsing
• Cloud services
• Online banking
• Social media **5. Advantages of Internet**
• Instant communication
• Easy information access
• Online education
• E-commerce
6. Disadvantages of Internet
• Cyber threats
• Privacy issues
• Addiction
7. Online Safety Tips
• Use strong passwords
• Avoid clicking unknown links
• Keep software updated
• Enable two-factor authentication