Internet Technology (IT)?

How the Internet Works:

The internet is a global network of interconnected computers and servers that communicate via protocols such as TCP/IP. When you connect to the internet through a device like a computer or smartphone, your device sends requests to access information, which are routed through various networks to reach their destination. Servers hosting websites or services respond to these requests by sending back the requested data, which is then displayed on your device.

Ten Potential Applications of Internet Technology:

These applications show how widely internet technology is used in daily life, business, education, healthcare, and beyond, highlighting its versatility.

1. **Email:**

   Sending and receiving digital messages instantly (e.g., Gmail, Outlook).

2. **Web Browsing:**

   Accessing information and websites globally (e.g., Google Chrome, Mozilla Firefox).

3. **Social Media:**

   Connecting and interacting with people worldwide (e.g., Facebook, Instagram).

4. **Online Shopping:**

   Purchasing goods and services over the internet (e.g., Amazon, eBay).

5. **Video Conferencing:**

   Conducting virtual meetings and conferences (e.g., Zoom, Microsoft Teams).

6. **Streaming Media:**

   Watching movies, TV shows, and videos online (e.g., Netflix, YouTube).

7. **Cloud Storage:**

   Storing and accessing data remotely (e.g., Google Drive, Dropbox).

8. **Online Banking:**

   Managing finances and conducting transactions (e.g., online banking platforms).

9. **E-learning:**

   Accessing educational resources and courses remotely (e.g., Coursera, Khan Academy).

10. **Telemedicine:**

    Consulting healthcare professionals remotely (e.g., telehealth platforms).s