**Tutorial**

**1. Five Term**

**Client-Server Network**

A server, or network server, is a central computer that holds collections of data (databases) and programs for connecting or supplying services to PCs, workstations, and other devices, which are called clients. These clients are linked by a wired or wireless network. The entire network is called a client-server network.

**Cloud Computing**

Cloud Computing basically means that instead of storing your software and /or data on your own PC or your own company’s computers, you store it on servers on the internet.

**Productivity Software**

Productivity software – such as word processing programs, spreadsheets, and database managers -whose purpose is to make user more productive at particular tasks.

**Transistor**

A transistor is essentially a tiny electrically operated switch, or gate, that can alternate between “on” and “off” many millions of times per second.

**Trackball**

The trackball is a movable ball, mounted on top or side of as stationary device, that can be rotated using your fingers or palm.

**Web Portals**

A web portal, or simply portal, is a type of gateway website that functions as an “anchor site,” a major stating point, for users when they connect to the web.

**Machine Cycle**

Machine cycle, the CPU (1) fetches an instruction, (2) decodes the instruction, (3) executes the instruction, and (4) stores the result.

**2. :)**

**Processing Operation & Storage Operation**

Processing is the manipulation a computer does to transform data into information.

Primary storage, or memory, is the internal computer circuity (chips) that temporarily holds data waiting to be processed. Secondary storage, simply called storage refers to the devices and media that store data or information permanently.

**ISP and WISP**

Internet Service Provider (ISP) – a local, regional, or national organization that provides access to the Internet for a fee.

A wireless Internet service provider (WISP) enables user with computer containing wireless modems-mostly laptops, tablets, and smartphones-to gain access to the Internet. A WISP offers public wireless network services and Internet access WISPs typically install WI-FI wireless hotspots in airports, hotels, cafes, and other public business places.

**Custom Software & Proprietary Software**

Custom software is tailor-made software crafted by an individual or team of programmers for a particular function of business purpose.

Packaged software also called Proprietary Software, is copyrighted, mass-produced software that’s offered for sale in stores or on the web to a variety of users.

**Touch Screen & Multi-Touch Screen**

A touch screen is a display screen that has been sensitized to receive input from the touch of a finger.

A multi-touch screen is a display screen that allows two or more fingers or others gestures such as pinching motions to be recognized as input at any one time.

**Input Hardware & Output Hardware**

Input hardware consists of devices that translate data into form the computer can process.

Output hardware consists of devices that translate information processed by the computer into a form that humans can understand.