Internet

* Short for internetworking
* Networks of Network
* The term “internet” was defined in 24 October 1995
* Refers to the Global Information System that linked together by an IP address that can support communication using TCP/IP suite, also that provides, uses or make accessible either publicly or privately, high level services layered on the communications and related infrastructure described herein \*

1. Internet Protocol – used to identify every node uniquely

1.IPv4 – 32 bit

2.IPv6 – 64 bit

1. Transmission Control Protocol/Internet Protocol – TCP over IP

* 1969 – Birth of Internet
* Circuit Switch Network
* Packet Switch Network
* 1972 – Electronic Mail
  + - First killer application
* 1989 – Sir Tim Berners-Lee an English computer scientist founded World Wide Web at CERN Lab
  + - HTTP, HTML, URL, WEB SERVER, WEB CLIENT

WORLD WIDE WEB

* Wide Area Information System (WAIS)
  + Information system allowing documents to be connected to other documents by hypertext links.
* WAIS – client – browser
* USENET – for newsgroups
* WEB-SERVER – to serve web content
* URL –
* WEB CLIENT – web browsers
* HTTP – Simple Mail Transfer Protocol (SMTP), web based