

Lecture 1

Term	Abbreviation
Atanasoff Berry Computer	ABC
Electronic Numerical Integrator and Computer	ENIAC
Electronic Discrete Variable Automatic Computer	EDVAC
UNIVersal Automatic Computer	UNIVAC 1

Lecture 2

Term	Abbreviation
integrated circuit	IC
Artificial Intelligence	AI
Advanced Research Projects Agency Network	ARPANET
Transmission Control Protocol/Internet Protocol	TCP/IP
local area networks	LAN
Domain Name system	DNS
Hypertext markup language	HTML
Wireless internet communication	Wi-Fi

Lecture 3

Term	Abbreviation
Central Processing Unit	CPU
Arithmetic and Logic Unit	ALU
Control Unit	CU
Floating point unit	FPU
Program Counter	PC
Instruction Register	IR

Lecture 4

Term	Abbreviation
Random Access Memory	RAM
Read Only Memory	ROM
Basic Input/ Output System	BIOS
Power-On Self-Test	POST
Programmable read-only memory	PROM
Erasable programmable read-only memory	EPROM
Electrically erasable programmable read-only memory	EEPROM
Network Interface Card	NIC
local area network	LAN
Internet Protocol	IP

Lecture 5

Term	Abbreviation
Personal computer	PC
Home theater PC	HTPC
Personal Digital Assistants	PDA
Electronic book reader	E-Book Reader
Internet of Things	IOT
PlayStation Portable	PSP

Lecture 6

Term	Abbreviation
Network interfaces	NIC
Network operating system	NOS
Twisted pair wire	CAT5
Virtual private network	VPN
Internet service provider	ISP
Transmission Control Protocol/Internet Protocol	TCP/IP
Defense Advanced Research Projects Agency	DARPA
Transmission Control Protocol	TCP
Internet Protocol	IP
User Datagram Protocol	UDP
International Standards Organization	ISO
Open Systems Interconnection	OSI

Lecture 7

Term	Abbreviation
local area network	LAN
Wide area network	WAN
Metropolitan area network	MAN
File Transfer Protocol	FTP
Voice over IP	VoIP
Hypertext Markup Language	HTML
Hypertext Transfer Protocol	HTTP
Uniform Resource Locator	URL
Personal area network	PAN
Radio Frequency Identification	RFID
Wireless sensor network	WSN
Simple Storage Service	S3 or Amazon S3
Elastic Compute Cloud	EC2 or Amazon EC2

Lecture 8

Term	Abbreviation
Real Time Operating system	RTOS
Digital Signal Processor	DSP
Reduced Instructions Set Computer	RISC
Programmable Logic Control	PLC
Field Programmable Logic Device	FPLD
Field programmable gate array	FPGA

complex programmable logic device	CPLD
Application specific integrated circuits	ASIC
Charge Coupled Device	CCD
Complementary metal oxide semiconductor	CMOS
Analog to digital converter	A2D
Automated teller machine	ATM

Lecture 9

Term	Abbreviation
light-emitting diode	LED
liquid crystal shutter	LCS
cyan, magenta, yellow, and black	CMYK
dots per inch	dpi
All-in-One	AIO
Charged coupled device	CCD
Compact disc	CD
Read-only discs	CD-ROM
Rewritable technology	RW
digital video disc or digital versatile disc	DVD

Lecture 10(Last Lecture)

Term	Abbreviation
Graphical User Interfaces	GUI
Command line Interface	CLI
Operating System	OS
Computer aided design	CAD

