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 |

