CS101 QUIZ 1 FILE (LECTURES: 1 - 108)

Q. No. 1. The sum of seek time and rotation delay is called as _____.
a) Rotational time
b) Transfer time
c) Access time
d) Delay time

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Q. No. 2. _____ is a short version of binary digit, a smallest unit to store data.
a) Bit
b) Mega byte
c) Pattern
d) Byte

> CS 101
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Q. No. 3. According to famous job market website in Pakistan, most of the jobs are available in _____.
a) Computer Science
b) Biology
c) Economics
d) Mathematics

> CS 101
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Q. No. 4. ENIAC Stands for.
a) Electronic numbers and integrator and calculator
b) Electronic numerical integer and calculations
c) Electronic numerical integrator and calculator
d) Electronic numbers integer and calculations

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Q. No. 5. A company can develop _____ for which it chooses to maintain ownership rights.
a) Network
b) Open system
c) Personnel Area Network
d) Proprietary Systems

> CS 101
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Q. No. 6. If you want to search for an exact phrase on Google then enclose it in _____.
a) @
b) *
c) #
d) " "

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Q. No. 7. Binary notation has _____ representations with respect to whole and fractional numbers.
a) 4
b) 1
c) 3
d) 2

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Q. No. 8. The major responsibility of _____ software is protecting resources from unauthorize access.
   a) **Operating System**
   b) Super User
   c) Device Driver
   d) Application

> CS 101
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Q. No. 9. While sending a message, it is the _____ layer's responsibility to provide an address that is compatible with internet infrastructure.
   a) **Application**
   b) Link
   c) Transport
   d) Network

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Q. No. 10. Which of the following is true about UDP in comparison to TCP?
   a) More reliable and more efficient
   b) **Less reliable but more efficient**
   c) Less reliable and less efficient
   d) More reliable but less efficient

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Q. No. 11. Which of the following is true about TCP in comparison to UDP?
   a) More reliable and more efficient
   b) Less reliable but more efficient
   c) Less reliable and less efficient
   d) **More reliable but less efficient**

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Q. No. 12. The _____ resides on a can be computer containing hypertext documents to be accessed.
   a) File
   b) Browser
   c) **Web Server**
   d) Client

> CS 101
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Q. No. 13. Which of the following is a significant asset to a computer's performance?
   a) Memory Bus
   b) Main Memory
   c) CPU
   d) **Direct Memory Access (DMA)**

> CS 101
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Q. No. 14. In hexadecimal notation, _____ bits represent as single symbol.
   a) Two
   b) Three
   c) One

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d) Four

Q. No. 15. Email is less time sensitive, so the mail servers use _____ to transfer email.
a) HTTP
b) SMTP
c) UDP
d) TCP

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Q. No. 16. To identify individual cells in a computer's main memory, each cell is assigned a unique "name" called its _____.
a) Location
b) Place Holder
c) Path
d) Address

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Q. No. 17. Which one of the following techniques is used by adoptive dictionary system for encoding data?
a) Run-length encoding
b) Relative encoding
c) LZW encoding
d) Frequency dependent encoding

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Q. No. 18. Which of the following is not the form of existing VoIP systems?
a) Analogue Telephone Adopters
b) Soft Phones
c) Hard Phones
d) Embedded VoIP Phones

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Q. No. 19. Time required to move the read / write heads from one track to another is called as _____.
a) Seek Time
b) Access Time
c) Rotational Time
d) Random Time

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Q. No. 20. In the operating system, the responsibility of memory manager is to allocate _____
a) Main Memory
b) Register
c) Mass Storage
d) Cache

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Q. No. 21. Bit is:
a) Secondary unit of storage
b) Not a unit of storage

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    c)   **Basic unit of storage**
    d)   Basic program of storage

Q. No. 22. CPU requires at least _____ to fetch the instructions from memory.
    a)   One Billion Second
    b)   **Two nanoseconds**
    c)   One nanosecond
    d)   Three nanoseconds

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Q. No. 23. Which of the following protocol is not associated with the transfer of email messages?
    a)   POP3
    b)   MIME
    c)   **SMTP**
    d)   IMAP

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Q. No. 24. The process involving in a _____ is like copying the data rather than moving it.
    a)   Add instructions
    b)   Shift instructions
    c)   **Transfer instructions**
    d)   Jump instructions

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Q. No. 25. An instruction is fetched in the instruction register from main memory _____.
    a)   **By using Bus**
    b)   By using Special Wiring
    c)   By using Controller
    d)   By using Modem

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Q. No. 26. Most computers manufactured today, used at least _____ for storing values in floating-point notation.
    a)   31 bits
    b)   30 bits
    c)   **32 bits**
    d)   38 bits

> CS 101
> PAGE : 89

Q. No. 27. Multi-programming is a way to implement?
    a)   Batch processing
    b)   Real Time processing
    c)   **Time Sharing**
    d)   Interactive Processing

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Q. No. 28. Process is a _____ activity.
    a)   Botting activity
    b)   Static activity
    c)   Shifting activity

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d) Dynamic activity

Q. No. 29. To store an image in the memory, appearance of each pixel is encoded to form _____.
a) Scaling
b) Pixel
c) Bitmap
d) Geometric structures

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Q. No. 30. Current status of the activity associated with the process is called _____.
a) Process association
b) Process Class
c) Process Status
d) Process State

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Q. No. 31. Query is the set of words, given to the search engine for _____.
a) Scrolling
b) Searching
c) Extraction
d) Manipulation

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Q. No. 32. User can see directories or files y using _____.
a) Microsoft Explorer
b) Window Explorer
c) User Interface
d) Internet Explorer

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Q. No. 33. _____ is the type of malware that can replicate itself into other computers connected to a network.
a) Spyware
b) Warms
c) Trojan Horses
d) Virus

Q. No. 34. We can use _____ Boolean operators specifically to find relevant pages.
a) If else
b) Is "it"
c) "is" "am"
d) "and" "or"

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Q. No. 35. Truncation error is a problem that occurs in _____.
a) Excess-3 Notation
b) Excess Notation
c) Two's Complement Notation

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d) Floating Point Notation

Q. No. 36. _____ contains the information needed by a browser to contact the proper server and request the desired document.
a) TCP
b) SMTP
c) URL
d) UDP

CS 101
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Q. No. 37. N-Unicast refers to:
a) Multiple unicast streams by a single sender
b) One unicast stream to a receiver by multiple senders
c) Multiple unicast streams to a single receiver
d) One unicast stream to receiver by a single sender

CS 101
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Q. No. 38. _____ is a table used in a GIF that can hold up to 256 distinct colors from RGB color space.
a) Record
b) Matrix
c) Palette
d) Block

CS 101
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Q. No. 39. Repeated erasing method in Flash Drive Technology slowly _____ the silicon dioxide chambers.
a) Decrease
b) Damages
c) Increase
d) Enhance

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Q. No. 40. Flood of attempted attacks can be detected by _____ software.
a) Capturing
b) System
c) Snipping
d) Audit

CS 101
PAGE : 133

Q. No. 41. The Value of program counter is an example of _____ state.
a) Software
b) Kernel
c) Operating System
d) Process

CS 101
PAGE : General

Q. No. 42. Using _____ form eliminates the possibility of multiple representations for the same value.
a) Unnormalized

b) Normalized
c) Orthogonal
d) Signified

CS 101
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Q. No. 43. The node or PC which sends requests for services is called _____.
a) Protocol
b) Client
c) ISP
d) Server

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Q. No. 44. The TCP / IP protocol suite is a collection of:
a) TCP / UDP and IP protocols only
b) TCP and IP protocols only
c) HTTP, TCP / UDP, IP and Link Layer protocols
d) Several protocol standards used by the internet

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Q. No. 45. Link layer will be responsible to:
a) Determine the direction of the pocket's next destination
b) Reconstructs the original message according to the sequence numbers
c) Determine which application receives an incoming message
d) Deals with the communication details particular to the individual network in which the computer resides

CS 101
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Q. No. 46. If 15 is divided by 5 using repetitive subtraction, how many steps it involves?
a) 0
b) 3
c) 4
d) 2

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$$15 \div 5$$
$$15 - 5 = 10 \implies Step-1$$
$$10 - 5 = 5 \implies Step-2$$
$$5 - 5 = 0 \implies Step-3$$

Q. No. 47. Software packages that allows to user to access hypertext on the internet are called _____.
a) Routers
b) Linkers
c) Browsers
d) Hyper soft

CS 101
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Q. No. 48. In fractional binary numbers, digits placed on the right side of the radix point represents _____.
a) Whole numbers
b) Irrational numbers
c) Integer part
d) Fractional part

CS 101
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Q. No. 49. Which program do you use to access internet on your computer?

a) MS Excel
b) MS PowerPoint
c) MS Word
d) Web Browser

CS 101
PAGE :

Q. No. 50. The process of using DNS to perform an address translation is called _____.
a) DNS Pattern
b) DNS Table
c) DNS Translation
d) DNS Lookup

CS 101
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Q. No. 51. What does VoIP stand for?
a) Virtually Over Internet Protocol
b) Voice Over Internet Protocol
c) Voice of International Protocol
d) Voice of Internet Protocol

CS 101
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Q. No. 52. Word processor like Microsoft Word is an application that _____.
a) Build editable word documents
b) Build editable questions
c) Build editable programs
d) Build editable excel files

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Q. No. 53. Adding 0.1 and 1.1 produces the number _____.
a) 10.1
b) 01.0
c) 10.0
d) 01.1

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Rem   1   1
              0   .   1
              1   .   1   +
ANS=   1   0   .   0

Q. No. 54. Choose the lowest heading level HTML tag from the given options.
a) H1
b) H4
c) H2
d) H6

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Q. No. 55. The instruction code to halt machine cycle is _____.
a) C400
b) 35CE0
c) C1000
d) C000

CS 101
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Q. No. 56. In binary notation, we can represent _____ numbers, if we have n bits.
a) 2 power (n+1)
b) 2n

c) 2 power (n)
d) 2(n-1)

CS 101
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Q. No. 57. Windows uses graphics to make program easier to use, such graphics are known as
_____.
a) IR
b) IBM
c) GUI
d) DOS

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Q. No. 58. Process state include the value of the program counter as well as the contents of the
_____.
a) Registers and cache memory cells
b) Registers and related memory cells
c) Registers
d) Related memory cells

CS 101
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Q. No. 59. What is the full form of PHP?
a) Protected Home Page
b) Personal Home Page
c) Public Home Page
d) Private Home Page

CS 101
PAGE : 161

Q. No. 60. _____ tag contains the information related to metadata that is not usually
displayed on the webpage.
a) P
b) Head
c) Body
d) HTML

CS 101
PAGE :

Q. No. 61. The dispatcher is the component of the _____ that manages the execution of the
scheduled processes.
a) Operating System
b) Kernel
c) Utility Program
d) Memory Manager

CS 101
PAGE : 126

Q. No. 62. Binary number 11111111 is = _____ in decimal.
a) 255
b) 567
c) 127
d) 128

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Q. No. 63. In 2-bit binary addition, how many possibilities are there?

a) 9
b) 6
c) 4
d) 7

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Q. No. 64.   The _____ divides long messages into small segments, which are transmitted over the internet.

a) Transport layer
b) Network layer
c) Link layer
d) Application layer

CS 101
PAGE : 164

Q. No. 65.   Hexadecimal notation uses a _____ symbol to represent a pattern of four bits.
a) Double
b) Quad
c) Single
d) Triple

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Q. No. 66.   Which of the following is intangible component?
a) Hard Disk
b) Software
c) Computer Mouse
d) Optical Disk

CS 101
PAGE :

Q. No. 67.   Which program do you use to create a spreadsheet?
a) MS Excel
b) MS Access
c) Word
d) Internet Explorer

CS 101
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Q. No. 68.   Which of the following is one of the major drawbacks of Skype?
a) Free version is not easily available
b) It takes too much space on local drive
c) It used computer resources without owner's awareness
d) Call quality is not good

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Q. No. 69.   Leibniz's machines were achieved by observing the _____ positions.
a) Second gear
b) Final gear
c) First gear
d) Third gear

CS 101
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Q. No. 70.   Pixels (Picture element) are _____.
a) Collection of dot-matrix

b) Collection of matrices
c) Collection of disks
d) Collection of data

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Q. No. 71. LAN stands for _____.
a) Local Additional Network
b) Local Area Network
c) Local Adopter Network
d) Local Access Network

> CS 101
> PAGE : 135

Q. No. 72. The system software consists of two categories: _____ and utility software.
a) Freeware software
b) Operating software
c) Device Software
d) Firmware software

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Q. No. 73. You can search a phrase when even you do not know word would be there at a particular _____.
a) Document
b) File
c) Location
d) Hidden

> CS 101
> PAGE : 48

Q. No. 74. Which of the following is not the advantage of TCP over UDP?
a) Connection establishment
b) Flow control
c) Congestion control
d) Efficiency

> CS 101
> PAGE : 168

Q. No. 75. In CS, we store and link data in an organized way using _____.
a) MSDB
b) SDLC
c) DMBS
d) DBMS

> CS 101
> PAGE : 40

Q. No. 76. BOINC is abbreviated for _____.
a) Berkeley's Open Infrastructure for Network Computing
b) Berkeley's Open Internet for Network Computing
c) Boston's Open Internet for Network Computing
d) Boston's Open Infrastructure for Network Computing

> CS 101
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Q. No. 77. In black and white images, each pixel is represented as one bit – e.g. 0 for black and 1 for white. If _____.
a) Matrix

b) Email
c) Facsimile
d) Searching

CS 101
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Q. No. 78. VoIP consists of two processes on different machines transferring audio data via the
_____ model.
a) P2S
b) P2R
c) P2Q
d) P2P

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Q. No. 79. 0011 + 0010 = _____.
a) 0000
b) 1010
c) 0101
d) 1111

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Rem   1
     0 0 1 1
     0 0 1 0 +

ANS= 0 1 0 1

Q. No. 80. In which type of communication several signals are transferred at the same time, each
on a separate line?
a) Parallel communication
b) Series communication
c) Network communication
d) Computer communication

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Q. No. 81. The small segments of long messages in terms of computer network are called
_____.
a) Pairs
b) Parts
c) Parcels
d) Packets

CS 101
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Q. No. 82. An internet is a _____.
a) Collection of LANs
b) Collection of WANs
c) Network of Networks
d) Collection of identical LANs and WANs

CS 101
PAGE : 135

Q. No. 83. What does FTP stand for _____.
a) Formatting Transfer Protocol
b) File Transmit Protocol
c) File Transfer Protocol
d) Format Transfer Protocol

CS 101
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Q. No. 84. First software for implementing the web was released in _____.

a) **December 1990**
b) October 1990
c) September 1990
d) November 1990

CS 101
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Q. No. 85. Robots can be guided by _____.
a) **An external control device or the control maybe embedded within**
b) Application
c) Remote
d) An internal control device or the control device maybe embedded within

CS 101
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Q. No. 86. World Wide Web was adopted as a standard approach for linking documents over the internet because _____.
a) Existing alternative approaches were not very efficient
b) No alternative existed at that time
c) **It got very popular after incorporating support for multimedia content**
d) No existing alternative approach was more widely used at that time

CS 101
PAGE : General

Q. No. 87. The process of dynamically allocating tasks to the various processors so that all processors are used efficiently is known as _____.
a) **Load Balancing**
b) Scaling
c) Multitasking
d) Load Sharing

CS 101
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Q. No. 88. The most popular system for representing integers within today's computers is _____'s complement notation.
a) **Two**
b) Zero
c) One
d) Three

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Q. No. 89. In _____ the operating system maybe copied from a distant machine over a network.
a) **Small workstations**
b) Workstations
c) Large workstations
d) Intranet network

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Q. No. 90. The extent to which air particles are displaced is called _____ of sound.
a) Quality
b) Pitch
c) Intensity
d) **Amplitude**

CS 101
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Q. No. 91. Which excess notation is used to represent zero as 10000?
a) Excess 8
b) Excess 16
c) Excess 4
d) Excess 2

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Q. No. 92. SSL proto is the backbone of _____.
a) HTTPS
b) HTTPR
c) HTML
d) HTML5

CS 101
PAGE : General

Q. No. 93. Which of the following is not true about XML?
a) It is a markup language based on HTML
b) It can used to encode sheet music
c) It is a self-descriptive language
d) It can be used to encode non-textual material as text file.

CS 101
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Q. No. 94. FIFO is abbreviation of?
a) First Initiate First Out
b) First in First Occupied
c) First in First Out
d) For in For Out

CS 101
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Q. No. 95. Ethernet based network for bus topology makes use of _____ for transmitting messages.
a) CSMA / CD
b) CSMA / CA
c) CSMA / CE
d) CSMA / AC

CS 101
PAGE : 136

Q. No. 96. Cloud computing services provide reasonable guarantees of _____ and _____.
a) Privacy, Security
b) Scalability, Security
c) Reliability, Privacy
d) Reliability, Scalability

CS 101
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Q. No. 97. Cloud computing raise concerns about _____ and _____ in a world.
a) Reliability, Privacy
b) Privacy, Security
c) Scalability, Privacy
d) Scalability, Security

CS 101
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Q. No. 98.   For a network to function reliably, it is important to establish rules by which activities are conducted. Such rules are called _____.
   a) Premises
   b) Properties
   c) Patterns
   d) Protocols

CS 101
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Q. No. 99.   Capacity of one sector of CD is of _____ KB.
   a) 2
   b) 4
   c) 3
   d) 1

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Q. No. 100.   Which one of the following tags has no ending tag in HTML?
   a) A
   b) B
   c) BR
   d) P

CS 101
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Q. No. 101.   Which type of similar instruction is executed by the CPU to "store" the bit pattern in the controller?
   a) Receive instruction
   b) Store instruction
   c) Load instructions
   d) Jump instruction

CS 101
PAGE : 110

Q. No. 102.   If we are interested to see the map of same location, we can use the Map operator in the following pattern?
   a) Mph: Map
   b) Map: Location
   c) Location: Map
   d) Locations

CS 101
PAGE : 50

Q. No. 103.   HTML supports _____ levels of heading tags.
   a) Six
   b) Ten
   c) Twelve
   d) Four

CS 101
PAGE : 375

Q. No. 104.   What is the full form of CGI?
   a) Common Gateway Interface
   b) Collective Gateway Interface
   c) Collaborative Gateway Interface
   d) Console Gateway Interface

CS 101
PAGE : 161

Q. No. 105. The search results that are generally presented in a line often referred to as _____.
   a) Category
   b) The list
   c) Search Engine Result Pages
   d) Pages

CS 101
PAGE : General

Q. No. 106. The connection between networks to form an internet is handled by devices known as _____.
   a) Gateway
   b) Router
   c) Bridge
   d) Hub

CS 101
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Q. No. 107. The application layer uses the _____ to send and receive messages over the internet.
   a) Network layer
   b) Desktop layer
   c) Link layer
   d) Transport layer

CS 101
PAGE : 164

Q. No. 108. <a> is called the _____ tag in HTML document.
   a) Action
   b) Alter
   c) Actor
   d) Anchor

CS 101
PAGE : 156

Q. No. 109. Which one of the following is the correct sequence of network layers for the flow of messages at the sender side?
   a) Network layer to Link layer to Transport layer to Application layer
   b) Application layer to Transport layer to Network layer to Link layer
   c) Link layer to Network layer to Transport layer to Application layer
   d) Application layer to Link layer to Network layer to Transport layer

CS 101
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Q. No. 110. _____ is not a valid IP address.
   a) 192.168.1.1
   b) 192.168.1.0
   c) 192.168.0.0
   d) 192.168.1.0.1

CS 101
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Q. No. 111. Bits can represent in chips as:
   a) Addition form
   b) A, B form
   c) 0, 1 form

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d) Algebra form

Q. No. 112. Each sound have a _____.
   a) Wave
   b) Geometric Structures
   c) Pixel
   d) Scaling

CS 101
PAGE : General

Q. No. 113. A sequence of transactions in which the user establishes initial contact with a computer's operating system is called _____.
   a) Process
   b) Boot State
   c) Logout
   d) Login
   e)

CS 101
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Q. No. 114. It is the responsibility of the application layer to:
   a) Determine the direction to which forward packets
   b) Add sequence numbers to the small segments of a message
   c) Ensure that the messages are properly formatted for transmission over the internet
   d) Use the services of the name servers to translate mnemonic addresses into IP addresses

CS 101
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Q. No. 115. FTP _____ could check all incoming files for the presence of known viruses and block all infected files.
   a) File server
   b) Shared server
   c) Web server
   d) Proxy server

CS 101
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Q. No. 116. What is the full form of JSP?
   a) Java Source Pages
   b) Java Script Pages
   c) Java Semantic Pages
   d) Java Server Pages

CS 101
PAGE : 161

Q. No. 117. A long string of bits is often called a _____.
   a) Line
   b) Byte
   c) Stream
   d) Bit

CS 101
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Q. No. 118. Which protocol is used to connect the news servers and transfer news articles between systems?
   a) FTP

b) SMTP
c) NTP
d) NNTP

CS 101
PAGE : 145

Q. No. 119. The concurrent execution of multiple jobs in a single user system is known as
_____.
a) Multi-programming
b) Multiprocessing
c) Multischeduling
d) Multitasking

CS 101
PAGE : 117

Q. No. 120. A process is called to be in _____ state if it can continue its progress.
a) Ready
b) Running
c) Waiting
d) Suspend

CS 101
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Q. No. 121. Network layer will be responsible to:
a) Consult the forwarding table to determine where the packets should be sent
b) Determine which application receives an incoming message
c) Reconstruct the original message according to the sequence numbers
d) Deals with the communication details particular to the individual networks where the computer resides

CS 101
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Q. No. 122. Which type of similar instruction is used to receive a bit pattern from a controller?
a) Receive instruction
b) Store instruction
c) Load instruction
d) Jump instruction

CS 101
PAGE : 110

Q. No. 123. Which one of the following is not the basic Boolean operation?
a) OR
b) NAND
c) AND
d) XOR

CS 101
PAGE : 62

Q. No. 124. To store or manipulate data in computers, the bit 0 represents the value false and the bit 1 represents the value _____.
a) Empty
b) Wrong
c) True
d) True / False

CS 101
PAGE : 62

Q. No. 125. Most _____ codes today are Huffman codes.

a) Relative
b) Run-Length
c) Frequency-Dependent
d) Differential

CS 101
PAGE : 90

Q. No. 126. Non-Terminating expansions may also be a source of _____.
a) Logical error
b) Truncation error
c) Overflow
d) Syntax error

CS 101
PAGE : 89

Q. No. 127. In 2's complement notation, the maximum positive number is represented by _____.
a) A single "1" followed by all 0's
b) All 0's
c) All 1's
d) A single "0" followed by all 1's

CS 101
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Q. No. 128. Which of the following is not true about firewall?
a) Firewall protects the individual computer from outsider intrusion
b) Firewall protects the individual computer from inside intrusion
c) Firewall protects the entire network from inside intrusion
d) Firewall protects the entire network from outside intrusion

CS 101
PAGE : 303

Q. No. 129. Which kind of server works as an intermediate between client and server?
a) Server computer
b) Client server
c) Super server
d) Proxy server

CS 101
PAGE : 171

Q. No. 130. WWW stands for?
a) World While Web
b) World Wild Web
c) World Wide Web
d) World White Web

CS 101
PAGE : 150

Q. No. 131. When a packet reaches its intermediate stop, the network layer:
a) Discard the packet considering it irrelevant
b) Hands the packet to transport later rather than forwarding it
c) Forwards it to all the recognized networks
d) Forward it to the link layer after determining the direction of the next hope

CS 101
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Q. No. 132. The architecture philosophy with which a CPU is designed to execute a minimal set of machine instructions is called _____.

a) CISC
b) ENVIAC
c) RISC / CISC
d) **RISC**

CS 101
PAGE : 99

Q. No. 133. TLD stands for _____.
a) Top Low Domain
b) **Top Level Domain**
c) Top Lower Domain
d) Top Loud Domain

CS 101
PAGE : 144

Q. No. 134. Once an intruder (or perhaps an authorized user with malicious intent) gains access to a computer system, the next step is usually to explore, looking for information of interest or for places to _____.
a) Acknowledged
b) **Destructive software**
c) Informative software
d) Log in software

CS 101
PAGE : 133

Q. No. 135. Algorithm for finding binary representation of a positive decimal number contain _____ steps.
a) Long Process
b) Enough
c) **Three**
d) One

CS 101
PAGE : 76

Q. No. 136. A CPU consists of components, namely _____.
a) **Arithmetic Logic Unit, Control Unit, Registers**
b) RAM, Cache, Registers
c) RAM Cache, Control Unit
d) Arithmetic Logic Unit, RAM, Control Unit

CS 101
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Q. No. 137. You can search images even by giving a query using another image using google image _____.
a) Info
b) Tilt
c) **Link**
d) Related

CS 101
PAGE : 51

Q. No. 138. Decentralized approach for running various operations leads to efficiency in _____ model.
a) Client / Server
b) Distributed Server
c) **Peer 2 Peer**

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d) File Server

Q. No. 139. Which register contains the address of the next instruction?
a) Address register
b) Instruction register
c) Program register
d) Data register

CS 101
PAGE : 101

Q. No. 140. Which of the following language is used for client side scripting?
a) ASP.net
b) JavaScript
c) Python
d) PHP

CS 101
PAGE : General

Q. No. 141. To construct reliable operating systems, we must develop _____ that cover every possible contingency, regardless of how minuscule it may appear.
a) Algorithm
b) Activity
c) Program
d) Command

CS 101
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Q. No. 142. In main memory each cell has unique name called as _____.
a) Address
b) Unit
c) Slot
d) Bit

CS 101
PAGE : 66

Q. No. 143. When you type a query in the search bar of google. Google finds all those pages which contains _____.
a) All the terms given in the query
b) Random
c) Some of the terms given in the query
d) None of the terms given in the query

CS 101
PAGE : 42

Q. No. 144. An interrupt converts the CPU to privileged mode and transfers control to _____ within the operating system.
a) Scheduler
b) Interrupt handler
c) Memory manager
d) Dispatcher

CS 101
PAGE : 134

Q. No. 145. _____ connects computer over a large geographical area of world.
a) MAN
b) LAN

CS 101
PAGE : 134

c) PAN
d) WAN

Q. No. 146. Which of the following language is used for server-side scripting?
a) JavaScript
b) HTML
c) PHP
d) CSS

CS 101
PAGE : General

Q. No. 147. Suppose we have a bit pattern 11001101, how many times right circular shift should be performed on it to obtain the same bit pattern?
a) 8 times
b) 3 times
c) 4 times
d) 2 times

CS 101
PAGE : 107

Q. No. 148. Telnet is used to _____ between two systems.
a) Securely share information
b) Establishes a remote connection
c) Establishes a secure remote connection
d) Securely transfer files

CS 101
PAGE : General

Q. No. 149. A negative exponent would mean to move the radix point _____.
a) To left
b) To right
c) Before sign bit
d) After sign bit

CS 101
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Q. No. 150. Computer hardware is the collection of _____.
a) Physical parts of a computer systems
b) Websites
c) Applications
d) Programs

CS 101
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Q. No. 151. Which tier of ISP is the backbone of internet?
a) Tier-1 ISPs
b) Tier-4 ISPs
c) Tier-2 ISPs
d) Tier-3 ISPs

CS 101
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Q. No. 152. What is the name of the ability of a controller to access main memory?
a) Controller communication
b) Direct Memory Access DMA
c) Computer bus access

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    d)   Memory bus access

Q. No. 153. The efficiency of _____ makes it the protocol of choice for DNS lookups and VoIP.
    a)   TCP
    b)   HTTP
    c)   SMTP
    d)   UDP

CS 101
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Q. No. 154. Diameter of compact disk is _____.
    a)   12 centimeters
    b)   16 centimeters
    c)   10 centimeters
    d)   11 centimeters

CS 101
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Q. No. 155. RAM stands for _____.
    a)   Random Archive Memory
    b)   Random Approach Memory
    c)   Random Access Memory
    d)   Random Memory

CS 101
PAGE : 66

Q. No. 156. _____ was the first to implement the web.
    a)   Charles Babbage
    b)   Tim Berners-Lee
    c)   Steve Jobs
    d)   Alan Turing

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PAGE : 152

Q. No. 157. Previously how many bits were used to store in 2's complement notation?
    a)   64 bits
    b)   128 bits
    c)   8 bits
    d)   16 bits

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Q. No. 158. _____ refers to distributed systems that are more loosely coupled than clusters but that still work together to accomplish large tasks.
    a)   Parallel computing
    b)   Quantum computing
    c)   Cloud computing
    d)   Grid computing

CS 101
PAGE : 142

Q. No. 159. Binary notation is a way of representing numeric values using only the _____.
    a)   Digit 0 and 2
    b)   Digit 0 and 0
    c)   Digit 0 and 1
    d)   Digit 2 and 1

CS 101
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Q. No. 160. A private key is used to _____ messages.
- **a) Encrypt**
- b) Send
- c) Receive
- d) Decrypt

CS 101
PAGE : 74

Q. No. 161. _____ is transfer data one after the other.
- a) Parallel communication
- **b) Serial communication**
- c) Direct communication
- d) Simple communication

CS 101
PAGE : 112

Q. No. 162. Which data compression technique is suitable for data having long sequences of the same value?
- a) Differential encoding
- **b) Run-length encoding**
- c) Relative encoding
- d) Frequency-dependent encoding

CS 101
PAGE : 90

Q. No. 163. What does HTTP stand for _____?
- a) Hexadecimal Text Transfer Protocol
- b) Hearing Text Transfer Protocol
- c) Holding Text Transfer Protocol
- **d) Hyper Text Transfer Protocol**

CS 101
PAGE : 152

Q. No. 164. In the context of computer networks, WWW stands for _____.
- a) World Wild West
- **b) World Wide Web**
- c) World Wide West
- d) Web World Wild

CS 101
PAGE : 152

Q. No. 165. Computer science has many _____ in almost every field of the real world.
- a) Domains
- b) Operations
- **c) Applications**
- d) Branches

CS 101
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Q. No. 166. _____ stores bits as tiny electric charge that refreshes many times a second.
- **a) DRAM**
- b) SDRAM
- c) RAM
- d) Flip-Flop

CS 101
PAGE : 66

Q. No. 167. Each time a process finishes a task the operating system either allocate the resource to a waiting process or, if no process is waiting, it _____ the flag.
a) Set
b) Clear
c) Restore
d) Store

CS 101
PAGE : 129

Q. No. 168. Which protocol is suitable for wireless start network?
a) TCP / IP
b) CSMA / CA
c) CSMA / CD
d) Ethernet

CS 101
PAGE : 136

Q. No. 169. A clear flag state indicates that the resource is _____.
a) Ready
b) Available
c) Unavailable
d) Currently allocated

CS 101
PAGE : 129

Q. No. 170. ¼ can be represented by _____ as a fractional binary number.
a) 1.0
b) 0.10
c) 0.01
d) 1.1

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2^2	2^1	2^0	radix	2^{-1}	2^{-2}	2^{-3}
4	2	1	.	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{8}$
0	0	0	.	0	1	0

Q. No. 171. If binary representation of 8 is 1000, then how is -8 is written in 2's complement notation?
a) 1001
b) 0000
c) 0100
d) 10000

CS 101
PAGE : General

Change the '0' to '1' and '1' to '0'
leaving the Left most '1' and add '1' into 1

```
 1  1  1  1      rem
    1  1  1  1
          1   +
 1  0  0  0  0  ans
```

Q. No. 172. _____ keep track of instructions being executed.
a) Memory address registers
b) Special purpose registers
c) Memory buffer registers
d) General purpose registers

CS 101
PAGE : 101

Q. No. 173. Avoid searching the following upon the internet:
a) Videos
b) Games
c) Lectures
d) Pressure cooker bomb story

CS 101
PAGE : 53

Q. No. 174. _____ is a transfer instruction used to communicate with devices outside the CPU.
- a) COM instruction
- b) STORE instruction
- **c) I / O instruction**
- d) LOAD instruction

CS 101
PAGE : 100

Q. No. 175. Herman Hollerith invited the _____ technology.
- a) Technology of Gear
- b) Abacus
- **c) Punch Cards**
- d) ENIAC

CS 101
PAGE : 56

Q. No. 176. Before the stored program concept, data was stored in memory while programs were a part of _____.
- a) Cable
- b) Bus
- c) Cache
- **d) CPU**

CS 101
PAGE : 98

Q. No. 177. An important task of a(n) _____ is the allocation of machine's resources to the processes in the system.
- a) Dispatcher
- **b) Operating System**
- c) Control Unit
- d) Process

CS 101
PAGE : 128

Q. No. 178. Using _____, we can fine the stock market trend of a company.
- a) Boolean operator
- **b) Stocks operator**
- c) Plus, operator
- d) @ operator

CS 101
PAGE : 50

Q. No. 179. The material that is displayed on the screen is contained in the _____ of the HTML document.
- **a) Body**
- b) Title
- c) Head
- d) Frame

CS 101
PAGE : 375

Q. No. 180. Which of the following network layer is responsible to recognize that the packet has reached its final destination?
- **a) Network layer**
- b) Transport layer
- c) Link layer

CS 101
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d) Application layer

Q. No. 181. _____ is a package containing a party's name and that party's public key.
a) Antivirus
b) Certificate
c) Security
d) Contract

CS 101
PAGE : 155

Q. No. 182. _____ operator will give us only those web pages in which the searched term appears in the title of the web pages.
a) Stocks operator
b) Upper case title
c) Boolean operators
d) Intitle

CS 101
PAGE : 51

Q. No. 183. In binary system we can use only _____ or _____ at each position.
a) 0, 0
b) 1, 2
c) 0, 1
d) Null, 1

CS 101
PAGE : 76

Q. No. 184. All bit patterns, which represents positive numbers in excess notation starts with _____.
a) 0
b) 11
c) 00
d) 1

CS 101
PAGE : 84

Q. No. 185. Program counter is a _____.
a) Special purpose register
b) Memory address register
c) Memory buffer register
d) General purpose register

CS 101
PAGE : 101

Q. No. 186. Which unit transfers the data from memory to general purpose registers?
a) Shift
b) Control Unit
c) Arithmetic Unit
d) Logic Unit

CS 101
PAGE : 96

Q. No. 187. The dispatcher allocates _____.
a) Times slices
b) Mass storage space
c) Memory space

CS 101
PAGE : 128

d) Storage space

Q. No. 188. The computers of the _____ were not very flexible and efficient.
   a) 1961s and 1970s
   b) 1950s and 1960s
   c) 1930s
   d) 1940s and 1950s

CS 101
PAGE : 114

Q. No. 189. The originator of a message can encrypt the message using _____.
   a) Public key
   b) Double key
   c) Private key
   d) Single key

CS 101
PAGE : 174

Q. No. 190. Each router maintains a _____ that contains the router's knowledge about the direction in which the messages should be sent.
   a) Forwarding table
   b) Logarithmic table
   c) Algorithm table
   d) Knowledge table

CS 101
PAGE : 139

Q. No. 191. What ability of a controller is known as Direct Memory Access (DMA)?
   a) To store instructions
   b) To access main memory
   c) To access CPU
   d) To receive instructions

CS 101
PAGE : 110

Q. No. 192. One bit can contain only _____ value.
   a) Zero
   b) Two
   c) One
   d) Three

CS 101
PAGE : 60

Q. No. 193. Which of the following is not malware?
   a) Trojan Horses
   b) Spyware
   c) Warms
   d) Antivirus

CS 101
PAGE : General

Q. No. 194. Which of the following technology is not related to the client side working?
   a) HTML
   b) Java Applets
   c) PHP
   d) JavaScript

CS 101
PAGE : General

Q. No. 195. How many steps does a machine cycle generally have?
a) **Three**
b) Four
c) Two
d) Two or more

CS 101
PAGE : 101

Q. No. 196. A right circular shift of 3 bits on a string of 8 bits is equivalent to left circular shift of how many bits?
a) 4
b) 6
c) **5**
d) 3

CS 101
PAGE : 107

Q. No. 197. Which of the following is the variation of firewalls?
a) **Net filters**
b) Spam filters
c) Wall filters
d) Proxy filters

CS 101
PAGE : 307

Q. No. 198. HDTV is an acronym of _____.
a) High Demand Television Videos
b) High Demanded Television
c) **High Definition Television**
d) High Define Television

CS 101
PAGE : 95

Q. No. 199. The impact of truncation error can be reduced by using _____.
a) Longer exponent field
b) **Longer mantissa filed**
c) Positive exponent field
d) Zero in sign bit

CS 101
PAGE : 89

Q. No. 200. While performing the process, _____ compares each memory reference to register to ensure that the reference is within the designated limits.
a) Process manager
b) The ALU / CU
c) Operating system
d) **The CPU**

CS 101
PAGE : 134

Q. No. 201. Which of the following is not a significant issue in VoIP communication?
a) **Transferring audio data between communicating processes**
b) Task of initiating and receiving a call
c) Linking with traditional telephone system
d) Incorporating emergency call services

CS 101
PAGE : 147

Q. No. 202. OR operator is also represented by _____.
a) @
b) |
c) }
d) *

CS 101
PAGE : 223

Q. No. 203. Internet is a type of _____.
a) Website
b) Computer
c) Network
d) Application

CS 101
PAGE : 135

Q. No. 204. In Computer, GUI stands for _____.
a) Graphical Utility Icon
b) General User Interrupt
c) Graphical User Interface
d) Grayed User Interface

CS 101
PAGE : 120

Q. No. 205. Which of the following is a lossless data compression technique?
a) Binary encoding
b) Transform coding
c) Discrete cosine transforms
d) Frequency-dependent encoding

CS 101
PAGE : 90

Q. No. 206. Scheduler maintains a block of information of all processes in main memory in _____ table.
a) Process
b) MAC
c) ASCII
d) IP

CS 101
PAGE : 126

Q. No. 207. _____ is used for encoding consecutive frames of a motion picture.
a) Dictionary encoding
b) Huffman encoding
c) Frequency-dependent encoding
d) Relative encoding

CS 101
PAGE : 90

Q. No. 208. Which of the following protocol helps to store the email messages on a local machine while retrieving email messages from the receiving server?
a) POP3
b) SMTP
c) IMAP
d) MIME

CS 101
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Q. No. 209. Which of the following feature was incorporated in the early versions of the World Wide Web?
a) Storing the document in an unstructured way
b) Tracking of various versions of a document
c) Flexible searching with the help of metadata
d) Transclusions

CS 101
PAGE : General

Q. No. 210. What is the full form of ASP?
a) Active Server Pages
b) Alternate Start Pages
c) Alternate Server Pages
d) Active Start Pages

CS 101
PAGE : 161

Q. No. 211. Using MPEG techniques, video presentations can be successfully relayed over communication paths that provide transfer rates of _____.
a) 50 Mbps
b) 40 Mbps
c) 80 Mbps
d) 90 Mbps

CS 101
PAGE : 96

Q. No. 212. One of the earlier computing devices was the:
a) Laptop
b) Windowa
c) IPhone
d) ABACUS

CS 101
PAGE : 55

Q. No. 213. JCL is abbreviation of _____.
a) Job Control Logic
b) Job Control Language
c) Job Communication Language
d) Job Controller Language

CS 101
PAGE : 115

Q. No. 214. Internet is a collection of networks constructed by _____.
a) Intranet Service Producer
b) Internet Service Provider
c) Intranet Server Provider
d) Internet Service Producer

CS 101
PAGE : 142

Q. No. 215. The hackers normally add many _____ to such websites as the information seeker of free music.
a) Song
b) Alert
c) Viruses

CS 101
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d) Messages

Q. No. 216. Search Engines can search _____ type of information.
a) Only document
b) Documents, Images, Videos
c) Programs
d) Only word files

CS 101
PAGE : 41

Q. No. 217. In binary addition 1 + 0 = _____.
a) 1
b) 8
c) 2
d) 4

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$$\begin{array}{r} 1 \\ + 0 \\ \hline 1 \end{array}$$

Q. No. 218. _____ is also considers as character.
a) Numbers
b) Space
c) Small caps
d) Large caps

CS 101
PAGE : General

Q. No. 219. Which register act as a temporary holding place for data being manipulated by the CPU?
a) Memory buffer register
b) Memory address register
c) Special purpose register
d) General purpose register

CS 101
PAGE : 96

Q. No. 220. _____ encoding is used to store colorful images.
a) RGB
b) Pixel
c) Bitmap
d) Scaling

CS 101
PAGE : 74

Q. No. 221. Due to the volatility and limited size of a computer's main memory, most computers have additional memory devices called _____.
a) RRAM
b) Mass Storage
c) DRAM
d) PRAM

CS 101
PAGE : 67

Q. No. 222. Which of the application may not be considered a network-based application?
a) Text editor application
b) Remote access application
c) Social media application
d) NEWS reader application

CS 101
PAGE : General

Q. No. 223. _____ tag is used to write paragraph in HTML document.
a) <xmp><pg> text </pg></xmp>
b) <xmp><pr> text </pr></xmp>
c) <xmp><p> text </p></xmp>
d) <xmp><pa> text </pa></xmp>

CS 101
PAGE : 375

Q. No. 224. The term used for removing process from process table is called _____ the process.
a) Removing
b) Deleting
c) Killing
d) Dropping

CS 101
PAGE : 131

Q. No. 225. A program under _____ is called process.
a) Development
b) Analysis
c) Execution
d) Maintenance

CS 101
PAGE : 126

Q. No. 226. Breaking the task into a number of subtasks compatible with the number of available processors is called _____.
a) Interactive processing
b) Scaling
c) Throughout
d) Load balancing

CS 101
PAGE : 117

Q. No. 227. ANSI stands for:
a) Association National Standards Institute
b) American National Standards Institute
c) Anglican National Standards Institute
d) Australian National Standards Institute

CS 101
PAGE : 71

Q. No. 228. Google drive is an example of _____.
a) Grid computing
b) Cluster computing
c) Grid and Cluster computing
d) Cloud computing

CS 101
PAGE : 142

Q. No. 229. _____ provides a network the internet connectivity.
a) Hub
b) Repeater
c) Gateway
d) Node

CS 101
PAGE : 139

Q. No. 230. The _____ indicates the location of the document within the host file system.
a) **Mnemonic name**
b) Directory path
c) Document name
d) Protocol name

> CS 101
> PAGE : General

Q. No. 231. _____ can store unique pattern of 21 bits.
a) UTF-8
b) **Unicode**
c) ASCII
d) ANSI

> CS 101
> PAGE : 72

Q. No. 232. TIFF is an acronym of _____.
a) **Toggle Image File Format**
b) Tagged Image File Format
c) Transform Image File Format
d) Template Image File Format

> CS 101
> PAGE : 93

Q. No. 233. In a general-purpose computer, a program called the _____ is permanently store in the machine's ROM.
a) Compiler
b) Application Loader
c) **BOOT Loader**
d) Interpreter

> CS 101
> PAGE : 124

Q. No. 234. After fetching instruction will be decoded and _____.
a) Loaded
b) **Executed**
c) Transfer
d) Stored

> CS 101
> PAGE : 104

Q. No. 235. MIME protocol is:
a) **An extension to SMTP for multimedia messaging support**
b) Used to replace the working of SMTP protocol
c) Used to transfer non-ASCII data to the receiver
d) Used to store multimedia data on server-side

> CS 101
> PAGE : 130

Q. No. 236. In SD card technology, SDHC (High Capacity) can provide _____ GBs of storage.
a) 65
b) 16
c) 8
d) **32**

> CS 101
> PAGE : 70

Q. No. 237. Star topology-based network cannot detect _____.

a) Collision
b) Transmission
c) Packets
d) Deadlock

> CS 101
> PAGE : General

Q. No. 238. What will be the output of the following Boolean expression?
1010 or 1111

a) 0101
b) 1111
c) 0000
d) 1010

> CS 101
> PAGE : 62

Q. No. 239. 2 raised the 0 equals to _____.

a) 0
b) 3
c) 1
d) 2

> CS 101
> PAGE : 96

2^0
1

HAPPY LEARNING
REGARDS: HELPING HANDS