

CS101

MEGA FILE

QUIZ 1 SOLVED

SPRING 2023

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Question # 9 of 10 (Start time: 01:54:12 PM, 26 May 2023)

Which Excess notation is used to represent Zero as 10000?

Select the correct option

<input type="radio"/>	Excess 8
<input type="radio"/>	Excess 2
<input type="radio"/>	Excess 16
<input type="radio"/>	Excess 4

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In Computer, GUI stands for -----

Select the correct option

- | | |
|----------------------------------|--------------------------|
| <input checked="" type="radio"/> | graphical user interface |
| <input type="radio"/> | grayed user interface |
| <input type="radio"/> | graphical utility icon |
| <input type="radio"/> | general user interrupt |

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$1/4$ can be represented by _____ as a fractional binary number.

Select the correct option

- | | |
|-----------------------|------|
| <input type="radio"/> | 0.01 |
| <input type="radio"/> | 11 |
| <input type="radio"/> | 0.10 |
| <input type="radio"/> | 10 |

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Question # 1 of 10 (start time: 01:45:22 PM, 26 May 2023)

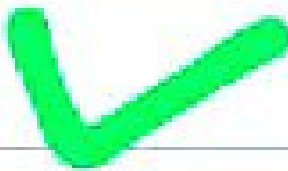
Total Marks: 1

Which software is used to perform tasks particular related to the machines utilization?

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Select the correct option

<input type="radio"/>	Device drivers
<input type="radio"/>	Application software
<input type="radio"/>	System software
<input type="radio"/>	Utility software

[Click to Save Answer & Move to Next Question](#)

Question # 3 of 10 (Start time: 05:22:50 PM, 28 May 2023)

SSDs stands for:

Select the correct option

- Solid State Disk
- Software State Disk
- Semantic State Disk
- Simple State Disk

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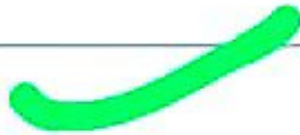
Click to Save Answer & Move to Next Question

The process involved in a _____ is like copying the data rather than moving it.

Select the correct option

<input type="radio"/>	Add instruction
<input type="radio"/>	Jump instruction
<input type="radio"/>	Shift instruction
<input type="radio"/>	Transfer instruction

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Question # 4 of 10 (Start time: 05:24:16 PM, 26 May 2023)

Which type of similar instruction is used to receive a bit pattern from a controller?

Select the correct option

<input type="radio"/>	Load Instruction
<input type="radio"/>	Receive Instruction
<input type="radio"/>	Jump Instruction
<input type="radio"/>	Store Instruction

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Click to S

Question # 10 of 10 (Start time: 05:32:11 PM, 26 May 2023)

The instruction code to halt machine cycle is

Select the correct option

- | | |
|-----------------------|-------|
| <input type="radio"/> | 35CE0 |
| <input type="radio"/> | C000 |
| <input type="radio"/> | C1000 |
| <input type="radio"/> | C400 |

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Click to Save Answer & Move to

Question # 6 of 10 (start time: 05:26:28 PM, 28 May 2023)

What would be the output when we apply NOT operation on input 1

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Select the correct option

- 11
- 01
- 1
- 0



Click to Save Answer & Move to

Question # 1 of 10 (Start time: 02:59:37 PM, 26 May 2023)

What does MIDI stand for?

Select the correct option

<input type="radio"/>	Musical information disk interface
<input checked="" type="radio"/>	Musical instrument digital interface
<input type="radio"/>	Magnetic information design interface
<input type="radio"/>	Music information disk interrogator

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CS101 - Introduction to Computing (Quiz No. 1)

Question # 6 of 10 (Start time: 04:41:42 PM, 26 May 2023)

In Computer, GUI stands for -----

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Select the correct option

- graphical utility icon
- graphical user interface
- grayed user interface
- general user interrupt



CS101 - Introduction to Computing (Quiz No. 1)

Question # 4 of 10 (Start time: 04:39:43 PM, 26 May 2023)

$0011 + 0010 = \text{-----}$

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Select the correct option

<input type="radio"/>	0000	
<input type="radio"/>	1111	
<input type="radio"/>	0101	
<input type="radio"/>	1010	

CS101 - Introduction to Computing (Quiz No. 1)

Question # 9 of 10 (**Start time: 05:27:58 PM, 26 May 2023**)

The computers of the _____ were not very flexible or efficient.

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Select the correct option

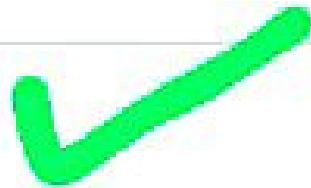
<input checked="" type="radio"/>	1940s and 1950s
<input type="radio"/>	1930s
<input type="radio"/>	1961s and 1970s
<input type="radio"/>	1950s and 1960s

Question # 6 of 10 (start time: 02:36:48 PM, 26 May 2023)

Total Marks: 1

Bit is:

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Select the correct option

Not a unit of storage

Basic unit of storage

Basic program of storage

Secondary unit of storage

[Click to Save Answer & Move to Next Question](#)

The "inurl" operator finds ___ web pages which contains the mentioned query in the URL of the web pages.

Select the correct option

<input type="radio"/>	Some
<input checked="" type="radio"/>	ALL
<input type="radio"/>	Many
<input type="radio"/>	None



Click to Save Answer & Move to Next Question

Which of the following techniques is used to place the bit in the hole at the left end if it fell off the right end?

Select the correct option

- Arithmetic shift
- Dimensional shift
- Logical shift
- Circular/rotation shift

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What will be the sum of 01101010 and 11001100 if both the patterns represent values stored in two's complement notation?

Select the correct option

- | | |
|-----------------------|------------------------------|
| <input type="radio"/> | 00110000 in two's complement |
| <input type="radio"/> | 00110110 in two's complement |
| <input type="radio"/> | 01110110 in two's complement |
| <input type="radio"/> | 00110111 in two's complement |

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Click to Save Answer

BC220415490: UMME HABIBA

CS101 - Introduction to Computing (Quiz No. 1)

Question # 5 of 10 (Start time: 04:41:14 PM, 26 May 2023)

To store or manipulate data in computers, the bit 0 represents the value false and the bit 1 represents the value _____

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Select the correct option

- True
- Wrong
- True/false
- Empty

Repeated erasing method in flash drive technology slowly _____ the silicon dioxide chambers.

Select the correct option

<input type="radio"/>	Enhance
<input type="radio"/>	Increase
<input type="radio"/>	Decrease
<input type="radio"/>	Damages

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Click to Save A

Question # 8 of 10 (Start time: 05:29:15 PM, 26 May 2023)

The architecture philosophy with which a CPU is designed to execute a minimal set of machine instructions is called -----

Select the correct option

<input type="radio"/>	RISC
<input type="radio"/>	RISC/CISC
<input type="radio"/>	ENVIAC
<input type="radio"/>	CISC

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Click to Save Answer & Move to

CS101 - Introduction to Computing (Quiz No. 1)

Question # 9 of 10 (Start time: 04:45:02 PM, 26 May 2023)

If we are interested to see the map of some location, we can use map operator in the following

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Select the correct option

<input type="radio"/>	Locations
<input type="radio"/>	location:map
<input checked="" type="radio"/>	Map:Location
<input type="radio"/>	Map:map

Question # 9 of 10 (Start time: 09:30:59 PM, 26 May 2023)

Which one of these is NOT the basic Boolean Operation.

Select the correct option

<input type="radio"/>	OR
<input type="radio"/>	NAND
<input checked="" type="radio"/>	XOR
<input type="radio"/>	AND

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Click to Save Answer & Move

Question # 7 of 10 (Start time: 05:25:34 PM, 26 May 2023)

If we have a decimal number 431, then 4 will be considered as hundred, 3 as and 1 as unit.

Select the correct option

<input type="radio"/>	Tens
<input type="radio"/>	Hundred
<input type="radio"/>	Thousand
<input type="radio"/>	Bit

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Question # 9 of 10 (Start time: 02:39:47 PM, 26 May 2023)

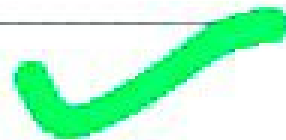
Total Marks: 1

DVD stands for _____

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Select the correct option

- Decimal Versatile Disks
- Digital Version Disks
- Digital Versatile Disks
- Decimal Version Disks



Click to Save Answer & Move to Next Question

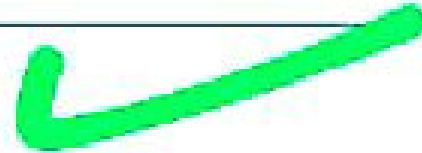
Question # 2 of 10 (Start time: 01:48:47 PM, 28 May 2023)

In Excess Notation, Zero is represented as _____

Select the correct option

- | | |
|-----------------------|--------------------------------|
| <input type="radio"/> | 1 in the most significant bit |
| <input type="radio"/> | All 0's |
| <input type="radio"/> | All 1's |
| <input type="radio"/> | 1 in the least significant bit |

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Question # 3 of 10 (Start time: 02:50:49 PM, 26 May 2023)

Windows uses graphics to make program easier to use, such graphics are known as _____

Select the correct option

<input type="radio"/>	DOS
<input type="radio"/>	IR
<input type="radio"/>	IBM
<input type="radio"/>	GUI

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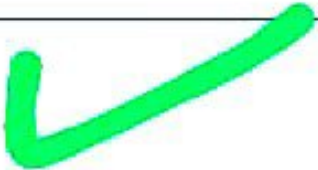
Question # 9 of 10 (Start time: 05:50:58 PM, 26 May 2023)

TIFF is an acronym of _____?

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Select the correct option

<input checked="" type="radio"/>	Tagged Image File Format
<input type="radio"/>	Toggle Image File Format
<input type="radio"/>	Transform Image File Format
<input type="radio"/>	Template Image File Format



Question # 2 of 10 (Start time: 02:31:37 PM, 26 May 2023)

Total Marks: 1

SSDs stands for:

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Select the correct option

<input type="radio"/>	Software State Disk
<input type="radio"/>	Solid State Disk
<input type="radio"/>	Simple State Disk
<input type="radio"/>	Semantic State Disk

[Click to Save Answer & Move to Next Question](#)

Question # 1 of 10 (Start time: 02:30:35 PM, 26 May 2023)

Total Marks: 1

In binary addition, 1+1 is = _____

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Select the correct option



11



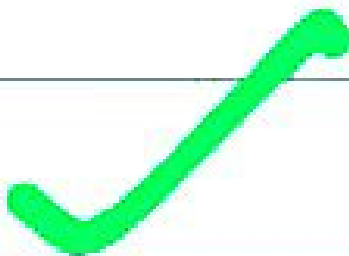
5



2



10



CS101 - Introduction to Computing (Quiz No. 1)

Question # 3 of 10 (Start time: 04:39:10 PM, 26 May 2023)

An instruction is fetched in the instruction register from main memory -----

Select the correct option

- | | |
|----------------------------------|-------------------------|
| <input type="radio"/> | By using Special wiring |
| <input checked="" type="radio"/> | By using Bus |
| <input type="radio"/> | By using Controller |
| <input type="radio"/> | By using Modem |

CS101 - Introduction to Computing (Quiz No. 1)

Question # 1 of 10 (Start time: 02:47:37 PM, 26 May 2023)

An instruction is fetched in the instruction register from main memory -----

Select the correct option

<input type="radio"/>	By using Modem
<input type="radio"/>	By using Controller
<input type="radio"/>	By using Bus
<input type="radio"/>	By using Special wiring

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Question # 8 of 10 (Start time: 02:54:45 PM, 26 May 2023)

Which type of similar instruction is used to receive a bit pattern from a controller?

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Select the correct option

<input type="radio"/>	Load instruction
<input type="radio"/>	Jump instruction
<input type="radio"/>	Receive instruction
<input type="radio"/>	Store instruction

Click to See

Question # 4 of 10 (Start time: 02:33:30 PM, 26 May 2023)

Total Marks: 1

In CD, data is stored on a single-track _____ from inside outside.

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Select the correct option

Rectangular

Spiral

Round

Adjacent

Question # 6 of 10 (Start time: 02:18:48 PM, 26 May 2023)

Total Marks: 1

One of the major uses of the _____ operation is to place zeros in one part of a bit pattern while not disturbing the other part.

Select the correct option

<input type="radio"/>	OR
<input type="radio"/>	AND
<input type="radio"/>	NOR
<input checked="" type="radio"/>	XOR

[Click to Save Answer & Move to Next Question](#)

CS101 - Introduction to Computing (Quiz No. 1)

Question # 8 of 10 (start time: 02:20:44 PM, 26 May 2023)

CD stands for _____.

Select the correct option

<input type="radio"/>	Conversion disk (CD)
<input checked="" type="radio"/>	Compact disk (CD)
<input type="radio"/>	Copy disk (CD)
<input type="radio"/>	Compute disk (CD)

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CS101 - Introduction to Computing (Quiz No. 1)

Question # 2 of 10 (Start time: 04:38:08 PM, 26 May 2023)

Windows uses graphics to make program easier to use, such graphics are known as _____

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Select the correct option

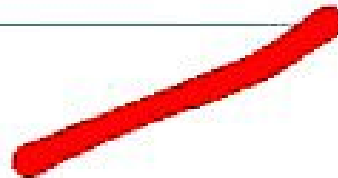
<input type="radio"/>	IR
<input checked="" type="radio"/>	GUI
<input type="radio"/>	DOS
<input type="radio"/>	IBM

What does MIDI stand for?

Select the correct option

<input type="radio"/>	Music information disk interrogator
<input type="radio"/>	Magnetic information design interface
<input type="radio"/>	Musical instrument digital interface
<input type="radio"/>	Musical information disk interface

VUHEL PINGAU



Question # 7 of 10 (Start time: 05:49:11 PM, 26 May 2023)

Which of the following is intangible component?

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Select the correct option

<input type="radio"/>	Computer Mouse
<input checked="" type="radio"/>	Software
<input type="radio"/>	Optical Disk
<input type="radio"/>	Hard Disk

Question # 10 of 10 (start time: 02:40:54 PM, 26 May 2023)

Total Marks: 1

Previously how many bits were used to store numbers in 2's complement notation?

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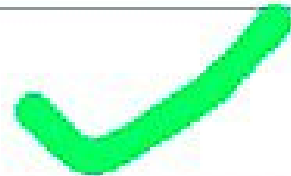
Select the correct option

8 bits

128 bits

16 bits

64 bits



Question # 3 of 10 (Start time: 05:46:16 PM, 26 May 2023)

One term could be used for more than one thing. For example word "Jaguar" is used in two meanings such as:

Select the correct option

<input type="radio"/>	Car and bus
<input type="radio"/>	Animal and car
<input type="radio"/>	Car and helicopter
<input type="radio"/>	Car and Cat

Click to Save An

Question # 10 of 10 (Start time: 04:46:10 PM, 26 May 2023)

If binary representation of 8 is 1000, then how is -8 written in 2's complement notation?

Select the correct option

- 0000
- 1001
- 1000
- 0100

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CS101 - Introduction to Computing (Quiz No. 1)

Question # 4 of 10 (Start time: 01:48:55 PM, 26 May 2023)

The process involved in a _____ is like copying the data rather than moving it.

Select the correct option

- | | |
|-----------------------|----------------------|
| <input type="radio"/> | Add instruction |
| <input type="radio"/> | Jump instruction |
| <input type="radio"/> | Transfer instruction |
| <input type="radio"/> | Shift instruction |


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Question # 3 of 10 (Start time: 01:47:44 PM, 26 May 2023)

In SD card technology, SDHC (High Capacity) can provide ----- GBs of storage.

Select the correct option

- | | |
|-----------------------|----|
| <input type="radio"/> | 64 |
| <input type="radio"/> | 16 |
| <input type="radio"/> | 32 |
| <input type="radio"/> | 8 |
- 

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CS101 - Introduction to Computing (Quiz No. 1)

Question # 3 of 10 (Start time: 01:47:44 PM, 26 May 2023)

In SD card technology, SDHC (High Capacity) can provide ----- GBs of storage.

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Select the correct option

- | | |
|-----------------------|----|
| <input type="radio"/> | 64 |
| <input type="radio"/> | 16 |
| <input type="radio"/> | 32 |
| <input type="radio"/> | 8 |
- 

Click to See

Truncation Error is a problem that occurs in_____.

Select the correct option

<input type="radio"/>	Two's complement notation
<input type="radio"/>	Floating point notation
<input type="radio"/>	Excess-3 notation
<input type="radio"/>	Excess notation

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CS101 - Introduction to Computing (Quiz No. 1)

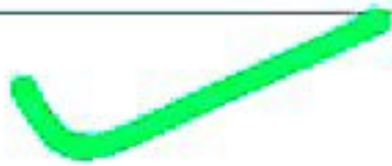
Question # 8 of 10 (**start time: 01:52:29 PM, 26 May 2023**)

In _____ the operating system may be copied from a distant machine over a network.

Select the correct option

<input type="radio"/>	Large workstation
<input type="radio"/>	Workstations
<input type="radio"/>	Small workstations
<input type="radio"/>	Intranet network

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In binary notation, we can represent _____ numbers if we have n bits.

Select the correct option

- | | |
|-----------------------|---------------------------|
| <input type="radio"/> | $2^{\text{power } (n)}$ |
| <input type="radio"/> | $2^{\text{power } (n+1)}$ |
| <input type="radio"/> | $2^{(n-1)}$ |
| <input type="radio"/> | $2n$ |

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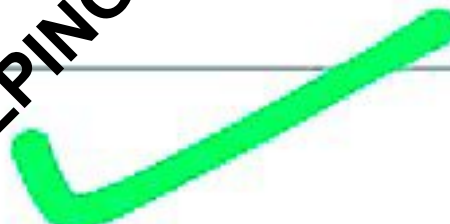


Which type of similar instruction is executed by the CPU to 'store' the bit pattern in the controller?

Select the correct option

<input type="radio"/>	Store Instruction
<input type="radio"/>	Receive Instruction
<input type="radio"/>	Load Instruction
<input type="radio"/>	Jump Instruction

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Click to Save Answer &

CS101 - Introduction to Computing (Quiz No. 1)

Question # 4 of 10 (Start time: 05:46:50 PM, 26 May 2023)

_____ is also consider as character.

Select the correct option

<input type="radio"/>	Space
<input type="radio"/>	Large caps
<input type="radio"/>	Numbers
<input type="radio"/>	Small caps

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Question # 10 of 10 (**Start time: 05:28:57 PM, 26 May 2023**)

Which program do you use to access Internet on your computer?

Select the correct option

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MS Excel

MS Word

Web Browser

MS Power Point

Question # 6 of 10 (Start time: 05:48:36 PM, 26 May 2023)

The most popular system for representing integers within today's computers is _____'s complement

Select the correct option

<input type="radio"/>	One
<input checked="" type="radio"/>	Two
<input type="radio"/>	Zero
<input type="radio"/>	Three

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Click t

One term could be used for more than one thing. For example word "Jaguar" is used in two meanings such as:

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Select the correct option

<input type="radio"/>	Animal and car
<input type="radio"/>	Car and Cat
<input type="radio"/>	Car and bus
<input type="radio"/>	Car and helicopter

CS101 - Introduction to Computing (Quiz No. 1)

Question # 1 of 10 (Start time: 05:42:24 PM, 26 May 2023)

Binary notation has _____ representation with respect to whole and fractional numbers.

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Select the correct option

- | | |
|-----------------------|---|
| <input type="radio"/> | 3 |
| <input type="radio"/> | 2 |
| <input type="radio"/> | 1 |
| <input type="radio"/> | 4 |



Click to

If we are interested to see the map of some location, we can use map operator in the following way.

Select the correct option

Location: map

Locations

Mph: map

Map: Location

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CS101 - Introduction to Computing (Quiz No. 1)

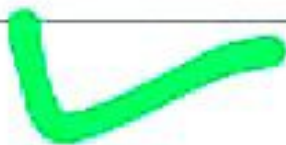
Question # 5 of 10 (Start time: 01:49:52 PM, 26 May 2023)

Which type of similar instruction is executed by the CPU to 'store' the bit pattern in the controller?

Select the correct option

<input type="radio"/>	Receive Instruction
<input type="radio"/>	Load Instruction
<input type="radio"/>	Store Instruction
<input type="radio"/>	Jump Instruction

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Click

FIFO is abbreviation of?

Select the correct option

<input type="radio"/>	First in first out
<input type="radio"/>	First in first occupied
<input type="radio"/>	First initiate first out
<input type="radio"/>	For In for out

VUHELPING4U



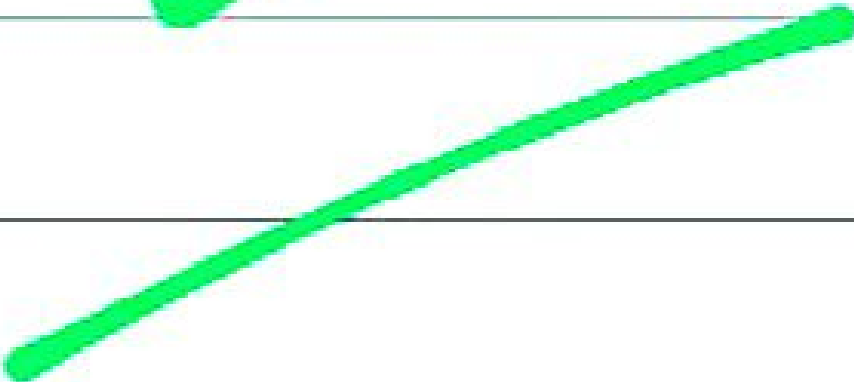
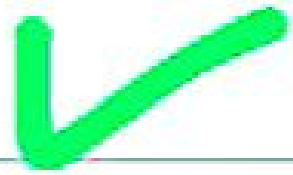
Click to Save An

Which data compression technique is suitable for data having long sequences of the same value?

Select the correct option

- | | |
|-----------------------|------------------------------|
| <input type="radio"/> | Run-length encoding |
| <input type="radio"/> | Differential encoding |
| <input type="radio"/> | Relative encoding |
| <input type="radio"/> | Frequency-dependent encoding |

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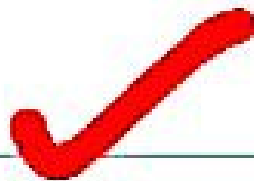
Question # 7 of 10 (Start time: 02:20:08 PM, 16 May 2023)

To store or manipulate data in computers, the bit 0 represents the value false and the bit 1 represents the value

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select the correct option



<input type="radio"/>	Empty
<input type="radio"/>	True
<input type="radio"/>	Wrong
<input checked="" type="radio"/>	True/false



Click to Save Answer & Move to

RISC is an acronym of _____?

Select the correct option

<input type="radio"/>	Redundant instruction set computer
<input type="radio"/>	Reduced instructive set controller 
<input type="radio"/>	Reduced instruction set computer
<input type="radio"/>	Reduced instructive set computer 

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Question # 9 of 10 (Start time: 02:56:22 PM, 28 May 2023)

In black and white images, each pixel is represented as one bit - e.g., 0 for black and 1 for white. It is an example of ____.

Select the correct option

<input type="radio"/>	Searching
<input type="radio"/>	Facsimile
<input type="radio"/>	Matrix
<input type="radio"/>	Email

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Click to Save Answer & M

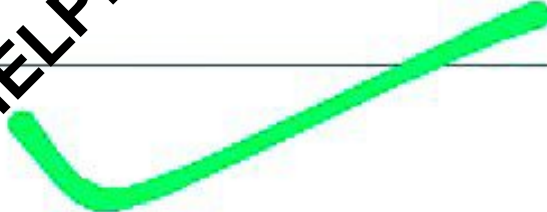
Question # 2 of 10 (Start time: 05:44:29 PM, 26 May 2023)

The concurrent execution of multiple jobs in a single-user system is known as _____

Select the correct option

- | | |
|-----------------------|------------------|
| <input type="radio"/> | Multitasking |
| <input type="radio"/> | Multiprocessing |
| <input type="radio"/> | Multischeduling |
| <input type="radio"/> | Multiprogramming |

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Capacity of one sector of CD is of _____ KB

Select the correct option

- | | |
|-----------------------|---|
| <input type="radio"/> | 2 |
| <input type="radio"/> | 4 |
| <input type="radio"/> | 1 |
| <input type="radio"/> | 3 |

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Click to Save Answer & Move

Question # 6 of 10 (Start time: 01:51:18 PM, 26 May 2023)

In CS, we store and link data in an organized way using

Select the correct option

<input type="radio"/>	DBMS
<input type="radio"/>	DMBS
<input type="radio"/>	SDLC
<input type="radio"/>	MSDB

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Question # 8 of 10 (Start time: 05:50:26 PM, 26 May 2023)

In binary notation, we can represent _____ numbers if we have n bits.

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Select the correct option

<input type="radio"/>	$2^{\text{power}(n+1)}$
<input type="radio"/>	$2^{(n-1)}$
<input type="radio"/>	$2^{\text{power}(n)}$
<input type="radio"/>	$2n$

Question # 9 of 10 (Start time: 09:30:59 PM, 28 May 2023)

Which one of these is NOT the basic Boolean Operation.

Select the correct option

<input type="radio"/>	OR
<input type="radio"/>	NAND
<input type="radio"/>	XOR
<input type="radio"/>	AND

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Click to Save Answer & Move

Numbers of bits required in Excess-16 notation are _____.

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Select the correct option.

<input type="radio"/>	Six
<input type="radio"/>	Five
<input type="radio"/>	Four
<input type="radio"/>	Three

Question # 7 of 10 (Start time: 04:42:57 PM, 26 May 2023)

In black and white images, each pixel is represented as one bit – e.g. 0 for black and 1 for white. It is an example of

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Select the correct option

- Matrix
- Image
- Boolean
- Networking

Which Excess notation is used to represent Zero as 10000?

Select the correct option

- | | |
|----------------------------------|-----------|
| <input type="radio"/> | Excess 4 |
| <input type="radio"/> | Excess 8 |
| <input checked="" type="radio"/> | Excess 16 |
| <input type="radio"/> | Excess 2 |

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In binary Addition $1+0$ is =

Select the correct option

<input type="radio"/>	8
<input type="radio"/>	4
<input checked="" type="radio"/>	1
<input type="radio"/>	2

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Click to Save Ans

CS101 - Introduction to Computing (Quiz No. 1)

Question # 1 of 10 (Start time: 04:36:58 PM, 26 May 2023)

JPEG is mostly used in _____?

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Select the correct option

<input type="radio"/>	Scanned images
<input type="radio"/>	Animation
<input type="radio"/>	Photography industry
<input type="radio"/>	Web designing



Question # 7 of 10 (Start time: 04:42:57 PM, 26 May 2023)

In black and white images, each pixel is represented as one bit - e.g., 0 for

▶ Select the correct option

<input type="radio"/>	Matrix
<input type="radio"/>	Email
<input checked="" type="radio"/>	Facsimile
<input type="radio"/>	Searching

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CPU and RAM are connected with _____ to communicate with each other.

Select the correct option

<input type="radio"/>	Cables
<input type="radio"/>	BUS
<input type="radio"/>	Ports
<input type="radio"/>	Controller

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