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CS401 Important MCQS

For Midterm Exams 2023

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CS401 - Computer Architecture and Assembly Language Programming (Quiz No. 1 - Nongraded)

Quiz Start Time: 09:20 PM, 24 May 2023

Question # 1 of 10 (Start time: 09:20:47 PM, 24 May 2023)

Total Marks: 1

Which of the following jump is taken if the last arithmetic operation has produced a number in its destination that has even parity?

Select the correct option

- | | |
|----------------------------------|-----|
| <input type="radio"/> | JNP |
| <input type="radio"/> | JPO |
| <input checked="" type="radio"/> | JPE |
| <input type="radio"/> | JNS |
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Question # 2 of 10 (Start time: 09:21:49 PM, 24 May 2023)

Total Marks: 1

What is the content of stack pointer?

Select the correct option

- | | |
|----------------------------------|---|
| <input checked="" type="radio"/> | Address of the top element of the stack |
| <input type="radio"/> | Address of the next instruction |
| <input type="radio"/> | Address of the current instruction |
| <input type="radio"/> | Address of the lower element of the stack |
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Click to Save Answer & Move to Next Question



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Question # 3 of 10 (Start time: 09:22:53 PM, 24 May 2023)

Total Marks: 1

The base pointer accesses local variables using _____ offsets.

Select the correct option

<input checked="" type="radio"/>	negative	Help By Danish: 0323-1731413
<input type="radio"/>	positive	
<input type="radio"/>	incremental	
<input type="radio"/>	fixed	

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Question # 4 of 10 (Start time: 09:23:49 PM, 24 May 2023)

Total Marks: 1

In STOS, the implied source operand always resides in _____.

Select the correct option

<input type="radio"/>	CL or CX
<input checked="" type="radio"/>	AL or AX
<input type="radio"/>	BL or BX
<input type="radio"/>	DL or DX



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Question # 5 of 10 (Start time: 09:24:51 PM, 24 May 2023)

Total Marks: 1

In assembly language programming, "JNZ" is used to jump if the _____ flag _____.

Select the correct option

- | | |
|----------------------------------|------------------|
| <input checked="" type="radio"/> | zero, is not set |
| <input type="radio"/> | sign, is not set |
| <input type="radio"/> | zero, is set |
| <input type="radio"/> | sign, is set |

Click to Save Answer & Move to Next Question

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← → ↻ vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=dec1e403-b1fb-471d-98ed-e058af89b27b



Question # 6 of 10 (Start time: 09:25:33 PM, 24 May 2023)

Total Marks: 1

Which of the following are the basic bitwise logical operations?

Select the correct option

- | | |
|----------------------------------|------------------------|
| <input type="radio"/> | AND, OR, XOR, and NAND |
| <input type="radio"/> | AND, NOR, OR and NOT |
| <input type="radio"/> | NOT, OR, AND, and NNOT |
| <input checked="" type="radio"/> | AND, OR, XOR, and NOT |

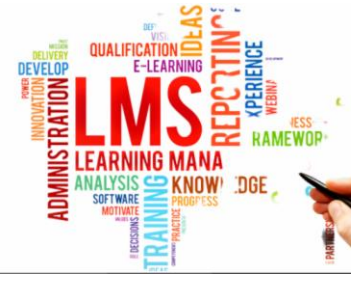
Click to Save Answer & Move to Next Question



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Question # 7 of 10 (Start time: 09:26:24 PM, 24 May 2023)

Total Marks: 1

Shifting the integer 5 left by 1 bit results in _____.

Select the correct option

- | | |
|----------------------------------|----|
| <input type="radio"/> | 25 |
| <input type="radio"/> | 50 |
| <input checked="" type="radio"/> | 10 |
| <input type="radio"/> | 5 |

ہمارا مقصد آپ لوگوں کو بہترین سولوشن دینا ہے اور آپ لوگوں کے لیے مڈٹرم کے لیے اچھے سے اچھا مواد دینا ہے

Question # 8 of 10 (Start time: 09:27:28 PM, 24 May 2023)

Total Marks: 1

Conditional jump can only be _____.

Select the correct option

- | | |
|----------------------------------|-------|
| <input type="radio"/> | near |
| <input type="radio"/> | long |
| <input type="radio"/> | far |
| <input checked="" type="radio"/> | short |



Click to Save Answer & Move to Next Question



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Question # 9 of 10 (Start time: 09:28:45 PM, 24 May 2023)

Total Marks: 1

When an element is pushed on the stack, SP is decremented by _____.

Select the correct option

- 4
- 1
- 2
- 3

Click to Save Answer & Move to Next Question

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Time Left **70** sec(s)

CS401 - Computer Architecture and Assembly Language Programming (Quiz No. 1 - Nongraded)

Quiz Start Time: 09:20 PM, 24 May 2023

Question # 10 of 10 (Start time: 09:29:19 PM, 24 May 2023)

Total Marks: 1

The main difference between standard and extended ASCII tables is the number of defined _____.

Select the correct option

Reload Math Equations

- serial ports

BC200405823: MUHAMMAD AHMAD

Time Left **70** sec(s)

CS401 - Computer Architecture and Assembly Language Programming (Quiz No. 1 - Nongraded)

Quiz Start Time: 09:51 PM, 24 May 2023

Question # 1 of 10 (Start time: 09:51:27 PM, 24 May 2023)

Total Marks: 1

In extended multiplication, we store the multiplicand in _____ bits, and the result is stored in _____ bits.

Select the correct option

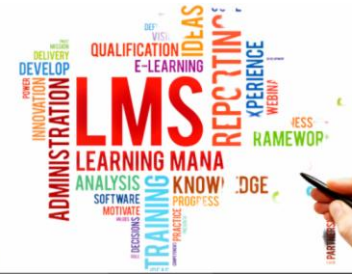
Reload Math Equations



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Question # 5 of 10 (Start time: 09:54:00 PM, 24 May 2023)

Total Marks: 1

In assembly language programming, "JNZ" is used to jump if the _____ flag _____.



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Question # 6 of 10 (Start time: 09:54:57 PM, 24 May 2023)

Total Marks: 1

We can convert a digit into its ASCII representation by adding _____ to it.

Select the correct option

- 0x10
- 0x30
- 0x20
- 0x05

Click to Save Answer & Move to Next Question

Question # 8 of 10 (Start time: 09:55:54 PM, 24 May 2023)

Total Marks: 1

Far jump is not position relative rather _____.



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Time Left sec(s)

CS401 - Computer Architecture and Assembly Language Programming (Quiz No. 1 - Nongraded)


Quiz Start Time: 09:51 PM, 24 May 2023

Question # 7 of 10 (Start time: 09:55:24 PM, 24 May 2023)

Total Marks: 1

Shift logical Right (SHR) moves all the bits one position to the _____, and inserts a zero from the _____.

Select the correct option

 Reload Math Equations

- left, left
- right, right

Question # 9 of 10 (Start time: 09:56:21 PM, 24 May 2023)

Total Marks: 1

In case of short jump, the offset is stored in _____.

Select the correct option



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Question # 10 of 10 (Start time: 09:56:48 PM, 24 May 2023)

Total Marks: 1

The jump is taken if the last arithmetic operation has changed the sign unexpectedly.

Select the correct option

- | | |
|----------------------------------|-----|
| <input checked="" type="radio"/> | JO |
| <input type="radio"/> | JNZ |
| <input type="radio"/> | JZ |
| <input type="radio"/> | JNO |

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

Question # 1 of 10 (Start time: 10:26:55 PM, 24 May 2023)

Total Marks: 1

mov [1234], ax is an example of _____ addressing.

Select the correct option

- | | |
|----------------------------------|--------|
| <input checked="" type="radio"/> | direct |
|----------------------------------|--------|



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Question # 2 of 10 (Start time: 10:27:42 PM, 24 May 2023)

Total Marks: 1

_____ is used for temporary diversion.

Select the correct option

- | | |
|-----------------------|--------|
| <input type="radio"/> | Return |
| <input type="radio"/> | Call |

Question # 3 of 10 (Start time: 10:28:11 PM, 24 May 2023)

Total Marks: 1

Which bit of the attribute byte represents the red component of foreground color?

Select the correct option



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Question # 4 of 10 (Start time: 10:28:48 PM, 24 May 2023)

Total Marks: 1

In the instruction "mov word [es:0], 0x1230", 12 refers to _____ color on _____ background.

Select the correct option

- black, green
- green, blue
- blue, green
- green, black

Click to Save Answer & Move to Next Question

CS401 - Computer Architecture and Assembly Language Programming (Quiz No. 1 - Nongraded)

Quiz Start Time: 10:26 PM, 24 May 2023

Question # 5 of 10 (Start time: 10:29:27 PM, 24 May 2023)

Total Marks: 1

RET Instruction takes _____ argument(s).

Select the correct option



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Time Left 67 sec(s)

CS401 - Computer Architecture and Assembly Language Programming (Quiz No. 1 - Nongraded)

Quiz Start Time: 10:26 PM, 24 May 2023

Question # 6 of 10 (Start time: 10:30:04 PM, 24 May 2023)

Total Marks: 1

Which of following registers is used as a counter?

Select the correct option

Reload Math Equations

- DX
- AX
- BX
- CX

CS401 - Computer Architecture and Assembly Language Programming (Quiz No. 1 - Nongraded)

Quiz Start Time: 10:26 PM, 24 May 2023

Question # 7 of 10 (Start time: 10:30:38 PM, 24 May 2023)

Total Marks: 1

In Far jump, the segment address is stored in _____.

Select the correct option

Reload Math Equations



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CS401 - Computer Architecture and Assembly Language Programming (Quiz No. 1 - Nongraded)

sec(s)

Quiz Start Time: 10:26 PM, 24 May 2023

Question # 8 of 10 (Start time: 10:31:16 PM, 24 May 2023)

Total Mark

In assembly language, "DIV BL" instruction has a/an _____ bit operand.

Select the correct option

Reload Math Equations

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

Question # 9 of 10 (Start time: 10:31:49 PM, 24 May 2023)

Total Marks: 1

A symbol associated to a point in the program is called a _____.



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Question # 10 of 10 (Start time: 10:32:45 PM, 24 May 2023)

Total Marks: 1

Which of these hexadecimal numbers is equal to -40 in 2's complement?

Select the correct option

- | | |
|----------------------------------|------|
| <input type="radio"/> | FFFF |
| <input type="radio"/> | FFEE |
| <input type="radio"/> | FFDD |
| <input checked="" type="radio"/> | FFD8 |

▶ Click to Save Answer & Move to Next Question

Question # 1 of 10 (Start time: 10:51:30 PM, 24 May 2023)

Total Marks: 1

Which of the following is the general form of addressing?



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Question # 2 of 10 (Start time: 10:52:14 PM, 24 May 2023)

Total Marks: 1

With the execution of CALL instruction, the value of _____ is decremented by 2.

Select the correct option

- | | |
|----------------------------------|----|
| <input type="radio"/> | DS |
| <input type="radio"/> | BX |
| <input checked="" type="radio"/> | SP |
| <input type="radio"/> | CX |

Click to Save Answer & Move to Next Question

Question # 3 of 10 (Start time: 10:52:46 PM, 24 May 2023)

Total Marks: 1

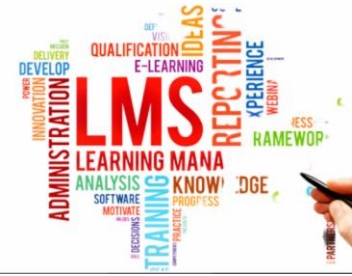
In MUL instruction, if the source operand is a byte, then it is multiplied with _____ register.



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Question # 4 of 10 (Start time: 10:53:23 PM, 24 May 2023)

Total Marks: 1

The ASCII code for digit 8 is _____.

Select the correct option

- | | |
|----------------------------------|------|
| <input type="radio"/> | 0x28 |
| <input type="radio"/> | 0x80 |
| <input type="radio"/> | 0x18 |
| <input checked="" type="radio"/> | 0x38 |

Click to Save Answer & Move to Next Question

CS401 - Computer Architecture and Assembly Language Programming (Quiz No. 1 - Nongraded)

Quiz Start Time: 10:51 PM, 24 May 2023

Question # 5 of 10 (Start time: 10:53:51 PM, 24 May 2023)

Total Marks: 1

The symbols in extended ASCII table by IBM fits in one _____.

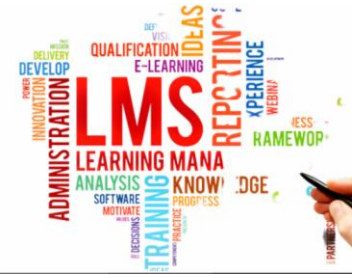
Select the correct option



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CS401 - Computer Architecture and Assembly Language Programming (Quiz No. 1 - Nongraded)

Quiz Start Time: 10:51 PM, 24 May 2023

Question # 6 of 10 (Start time: 10:54:30 PM, 24 May 2023)

Total Marks: 1

The unit of stack operations in iAPX88 is a _____.

Select the correct option

[Reload Math Equations](#)
Time Left: 00:00:00 sec(s)

CS401 - Computer Architecture and Assembly Language Programming (Quiz No. 1 - Nongraded)

Quiz Start Time: 10:51 PM, 24 May 2023

Question # 7 of 10 (Start time: 10:54:55 PM, 24 May 2023)

Total Marks: 1

Stack is a data structure that behaves in a First In Last _____ manner.

Select the correct option

[Reload Math Equations](#)

Out

Add

Push

In



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Question # 8 of 10 (Start time: 10:55:16 PM, 24 May 2023)

Total Marks: 1

Unconditional jump _____.

Select the correct option

- never transfers the control
- transfers the control if the condition is false
- always transfers the control
- transfers the control if the condition is true

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

Question # 9 of 10 (Start time: 10:56:29 PM, 24 May 2023)

Total Marks: 1

Which of the following are the two variants of STOS instruction?

Select the correct option

- STOSI and STOS2



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Question # 10 of 10 (Start time: 10:57:03 PM, 24 May 2023)

Total Marks: 1

Stack is a data structure that behaves in _____ manner.

Select the correct option

- | | |
|----------------------------------|--------------------|
| <input checked="" type="radio"/> | LIFO |
| <input type="radio"/> | Both LIFO and FIFO |
| <input type="radio"/> | LILO |
| <input type="radio"/> | FIFO |

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