

VIRTUAL UNIVERSITY OF PAKISTAN

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CORRECT ANSWER SOLVED BY HADI
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TEAM HADI(VU)

MID TERM PAST PAPER

We Deal All Kind of VU Project
(PHP, .NET, ANDROID, PYTHON)

MADE AND SOLVED BY HADI

WARNING: Team HADI is not responsible for any mistake or wrong answer. All students reading and using this document may check and confirm the answers at their own.



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Best of luck!



Question # 4 of 10 (Start time: 01:32:00 AM, 27 December 2022)

Total Marks: 1

Which combination will you prefer to obtain the physical address of the stack?

Select the correct option

☐	SS:SI
☒	SS:SP
☐	SP:SI
☐	SP:DI

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Question # 8 of 10 (Start time: 01:36:35 AM, 27 December 2022)

Total Marks: 1

In video memory, each screen location corresponds to _____ bytes.

Select the correct option

☒	2
☐	8
☐	1
☐	4

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Question # 1 of 10 (Start time: 01:28:47 AM, 27 December 2022)

Total Marks: 1

There are _____ block processing instructions in 8088.

Select the correct option

☒	5
☐	3
☐	6
☐	4

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Question # 9 of 10 (Start time: 10:23:39 PM, 27 December 2022)

Total Marks: 1

Which of the following is also called intra-segment call?

Select the correct option

☐	Near call
☐	Short call
☒	Far call
☐	Long call

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Question # 9 of 10 (Start time: 01:37:45 AM, 27 December 2022)

Total Marks: 1

ASCII table is the contiguous arrangement of the uppercase alphabets (41-5A), the lowercase alphabets (61-7A), and the numbers _____

Select the correct option

☐	31-40
☐	29-39
☒	30-39
☐	31-41

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Question # 7 of 10 (Start time: 01:51:01 AM, 27 December 2022)

Total Marks: 1

The operand of _____ is called the source operand because the data moves to the stack from the operand.

Select the correct option

[Reload Math Equations](#)

☐	POP
☐	CALL
☒	PUSH
☐	RET

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Question # 2 of 10 (Start time: 10:16:36 PM, 27 December 2022)

Total Marks: 1

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

Select the correct option

[Reload Math Equations](#)

☐	Add
☐	Push
☐	In
☒	Out

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Question # 3 of 10 (Start time: 10:17:50 PM, 27 December 2022)

Total Marks: 1

The top of stack is contained in _____ register.

Select the correct option

☐	BX
☐	BP
☐	AX
☒	SP

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Question # 8 of 10 (Start time: 10:23:01 PM, 27 December 2022)

Total Marks: 1

The maximum parameters a subroutine can receive are _____ when all the general purpose registers are used.

Select the correct option

 Reload Math Equations

☐	4
☒	7
☐	6
☐	5

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Question # 7 of 10 (Start time: 01:35:11 AM, 27 December 2022)

Total Marks: 1

A/An _____ is an area of memory that holds all local variables and parameters.

check it

Select the correct option

[Reload Math Equations](#)

☒	stack
☐	data segment
☐	base register
☐	instruction pointer

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Question # 10 of 10 (Start time: 10:24:05 PM, 27 December 2022)

Total Marks: 1

_____ transfers the word at the top of the stack (pointed to by SP) to the destination operand, and increments SP by two.

Select the correct option

 Reload Math Equations

☐	PUSH
☒	RET n
☐	POP
☐	CALL

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Question # 6 of 10 (Start time: 01:33:59 AM, 27 December 2022)

Total Marks: 1

An important role of the stack is in the creation of _____ variables that are only needed while the subroutine is in execution and not afterwards.

Select the correct option

☐	Public
☐	Private
☐	Global
☒	Local

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Question # 9 of 10 (Start time: 01:53:05 AM, 27 December 2022)

Total Marks: 1

The multiplier is stored in _____ bits in Extended Multiplication.

Select the correct option

☐	8
☒	32
☐	16
☐	64

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Question # 2 of 10 (Start time: 01:29:44 AM, 27 December 2022)

Total Marks: 1

A decrementing stack moves from _____ to _____ addresses as elements are added in it.

Select the correct option

[Reload Math Equations](#)

- | | |
|----------------------------------|--------------------|
| ☐ | lower, higher |
| ☒ | higher, lower |
| ☐ | positive, negative |
| ☐ | negative, positive |

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Question # 3 of 10 (Start time: 01:30:53 AM, 27 December 2022)

Total Marks: 1

REPE and REPNE prefixes are only meaningful with _____.

Select the correct option

☒	CMPS
☐	STOS
☐	LODS
☐	MOV

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Question # 3 of 10 (Start time: 01:46:29 AM, 27 December 2022)

Total Marks:

The ASCII code for digit 8 is _____.

Select the correct option

☒

0x38

☐

0x18

☐

0x28

☐

0x80

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Question # 5 of 10 (Start time: 10:20:23 PM, 27 December 2022)

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

☐	64, 64
☒	16, 32
☐	32, 32
☐	32, 64

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Question # 5 of 10 (Start time: 01:49:01 AM, 27 December 2022)

Total Marks: 1

When the RET instruction is executed, it recovers the value of the _____ from the stack.

Select the correct option

 Reload Math Equations

☒	instruction pointer
☐	previous instruction
☐	accumulator register
☐	current instruction

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Question # 7 of 10 (Start time: 10:22:18 PM, 27 December 2022)

Total Marks: 1

Code size reduction and improvement in speed were the two reasons for introducing block processing instructions in the _____ processor.

Select the correct option

☐	8085
☐	iAPX386
☐	8080
☒	8088

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Question # 1 of 10 (Start time: 01:44:34 AM, 27 December 2022)

Total Marks: 1

Which combination will you prefer to obtain the physical address of the stack?

Select the correct option

☐	SP:DI
☒	SS:SP
☐	SP:SI
☐	SS:SI

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Question # 5 of 10 (Start time: 01:32:52 AM, 27 December 2022)

Total Marks: 1

When there is a 16 bit operand with the DIV instruction, then the implied dividend will be in _____ bits.

Select the correct option

☒	8
☐	16
☐	32
☐	64

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Question # 6 of 10 (Start time: 10:21:31 PM, 27 December 2022)

Total Marks: 1

A decrementing stack moves from _____ to _____ addresses as elements are added in it.

Select the correct option

 Reload Math Equations☐

lower, higher

☒

higher, lower

☐

negative, positive

☐

positive, negative

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