

# VIRTUAL UNIVERSITY OF PAKISTAN

A Good Education is a Foundation For a Better Future

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EMAIL-hadirajputofficial@gmail.com  
WHATSAPP& CALL-03087122922

**TEAM HADI(VU LAHORE)**

## MID TERM PAST PAPER

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

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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.



**WhatsApp:03087122922**



**FACEBOOK ID: <https://www.facebook.com/hadipastpapers/>**

Best of luck!



Question # 5 of 30 ( Start time: 09:22:48 PM, 27 December 2020 )

Total Marks: 1

\_\_\_\_\_ transfers the word at top of stack (pointed to by SP) to the destination operand and increments SP by two to point to the new top of stack.

Select the correct option

<input type="radio"/>	PUSH	/
<input checked="" type="radio"/>	POP	/
<input type="radio"/>	CALL	/
<input type="radio"/>	RET n	/

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Question # 30 of 30 ( Start time: 09:45:38 PM, 27 December 2020 )

Total Marks: 1

cli stands for?

Select the correct option

- clear the interrupt flag
- clock interrupt
- cross line instruction
- control line instruction

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Question # 22 of 30 ( Start time: 10:30:44 PM, 27 December 2020 )

Total Marks: 1

There are \_\_\_\_\_ registers in iAPX88 architecture that can hold address of data.

Select the correct option

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

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Question # 21 of 30 ( Start time: 09:38:13 PM, 27 December 2020 )

Total Marks: 1

This jump is taken if the last arithmetic operation has produced a positive number in its destination.

Select the correct option

<input type="radio"/>	JNP
<input checked="" type="radio"/>	JO
<input type="radio"/>	JNS
<input type="radio"/>	JG

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Question # 2 of 30 ( Start time: 10:16:25 PM, 27 December 2020 )

Total Marks: 1

The instruction for permanent diversion in Intel 8088 is \_\_\_\_\_.

Select the correct option

- call
- ret
- jump
- mov

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Question # 24 of 30 ( Start time: 10:31:56 PM, 27 December 2020 )

Total Marks: 1

Whenever we need access to a memory location whose address is not known until run-time we use \_\_\_\_\_.

Select the correct option

<input type="radio"/>	Destination Register
<input type="radio"/>	Counter Register
<input type="radio"/>	Accumulator Register
<input checked="" type="radio"/>	Index Register

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Question # 20 of 30 ( Start time: 10:30:11 PM, 27 December 2020 )

Total Marks: 1

iAPX88 Architecture consists of

Select the correct option

- |                                  |              |    |
|----------------------------------|--------------|----|
| <input type="radio"/>            | 10 Registers | // |
| <input checked="" type="radio"/> | 14 Registers | // |
| <input type="radio"/>            | 16 Registers | // |
| <input type="radio"/>            | 32 Registers | // |

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Question # 23 of 30 ( Start time: 09:40:27 PM, 27 December 2020 )

Total Marks: 1

Flags register is a special register in every architecture. It is also known as \_\_\_\_\_.

Select the correct option

- Carry Flag
- accumulator register
- Program Status Word
- special register

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Question # 3 of 30 ( Start time: 10:17:47 PM, 27 December 2020 )

Total Marks: 1

Stack is a data structure that behaves in a first in last \_\_\_\_\_ manner.

Select the correct option

<input type="radio"/>	In	
<input checked="" type="radio"/>	Out	<b>A Good Education is a Foundation For a Better Future</b> <b>CORRECT ANSWER SOLVED BY HADI</b> <b>EMAIL:hadirajputofficial@gmail.com</b> <b>WHATSAPP&amp; CALL-03087122922</b>
<input type="radio"/>	Push	
<input type="radio"/>	Add	

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Question # 28 of 30 ( Start time: 10:34:34 PM, 27 December 2020 )

Total Marks: 1

All mathematical and logical operations are performed on the \_\_\_\_\_.

Select the correct option

<input checked="" type="radio"/>	Accumulator	<b>A Good Education is a Foundation For a Better Future</b> <b>CORRECT ANSWER SOLVED BY HADI</b> <b>EMAIL:hadirajputofficial@gmail.com</b> <b>WHATSAPP&amp; CALL:03087122922</b>	//
<input type="radio"/>	Arithmetic Logic Unit		//
<input type="radio"/>	Program Counter		
<input type="radio"/>	Flags Register		

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Question # 6 of 30 ( Start time: 10:19:57 PM, 27 December 2020 )

Total Marks: 1

In a video memory, each screen location corresponds to \_\_\_\_\_ byte(s).

Select the correct option

- |                                  |       |   |    |
|----------------------------------|-------|---|----|
| <input checked="" type="radio"/> | one   | <b>A Good Education is a Foundation For a Better Future</b><br><b>CORRECT ANSWER SOLVED BY HADI</b><br><b>EMAIL-hadirajputofficial@gmail.com</b><br><b>WHATSAPP&amp; CALL:03087122922</b> | // |
| <input type="radio"/>            | two   |   | // |
| <input type="radio"/>            | four  |   | // |
| <input type="radio"/>            | eight |   | // |

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Question # 10 of 30 ( Start time: 10:23:17 PM, 27 December 2020 )

Total Marks: 1

Stack is:

Select the correct option

<input type="radio"/>	an algorithm	//
<input checked="" type="radio"/>	a data structure	//
<input type="radio"/>	both algorithm and data structure	
<input type="radio"/>	a procedure	

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Question # 17 of 30 ( Start time: 10:26:59 PM, 27 December 2020 )

Total Marks: 1

Interrupts are \_\_\_\_\_ and \_\_\_\_\_.

Select the correct option

- |                                  |                             |   |    |
|----------------------------------|-----------------------------|---|----|
| <input checked="" type="radio"/> | asynchronous, unpredictable | <b>A Good Education is a Foundation For a Better Future</b><br><b>CORRECT ANSWER SOLVED BY HADI</b><br><b>EMAIL:hadirajputofficial@gmail.com</b><br><b>WHATSAPP&amp; CALL-03087122922</b> | // |
| <input type="radio"/>            | synchronous, predictable    |   | // |
| <input type="radio"/>            | synchronous, unpredictable  |   |    |
| <input type="radio"/>            | asynchronous, predictable   |   |    |

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Question # 8 of 30 ( Start time: 09:25:47 PM, 27 December 2020 )

Total Marks: 1

\_\_\_\_\_ is used for temporary diversion.

Select the correct option

<input checked="" type="radio"/>	Call	<b>A Good Education is a Foundation For a Better Future</b> <b>CORRECT ANSWER SOLVED BY HADI</b> <b>EMAIL:hadirajputofficial@gmail.com</b> <b>WHATSAPP&amp; CALL:03087122922</b>	/
<input type="radio"/>	Jump		/
<input type="radio"/>	Short jump		
<input type="radio"/>	Return		

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Question # 18 of 30 ( Start time: 10:27:55 PM, 27 December 2020 )

Total Marks: 1

In assembly language, the first executable instruction of the code should be placed at offset \_\_\_\_\_.

Select the correct option

<input checked="" type="radio"/>	0000	<b>A Good Education is a Foundation For a Better Future</b> <b>CORRECT ANSWER SOLVED BY HADI</b> <b>EMAIL:hadirajputofficial@gmail.com</b> <b>WHATSAPP&amp; CALL:03087122922</b>	//
<input type="radio"/>	0100		//
<input type="radio"/>	0010		//
<input type="radio"/>	1100		//

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Question # 27 of 30 ( Start time: 09:43:48 PM, 27 December 2020 )

Total Marks: 1

When the relative address stored with the instruction is in 16-bits, the jump is called a \_\_\_\_\_ jump.

Select the correct option

<input checked="" type="radio"/>	Near	<b>A Good Education is a Foundation For a Better Future</b> <b>CORRECT ANSWER SOLVED BY HADI</b> <b>EMAIL:hadirajputofficial@gmail.com</b> <b>WHATSAPP&amp; CALL:03087122922</b>	//
<input type="radio"/>	Short		//
<input type="radio"/>	Far		
<input type="radio"/>	Long		

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Question # 17 of 30 ( Start time: 09:34:30 PM, 27 December 2020 )

Total Marks: 1

REPE and REPNE prefixes are only meaningful with \_\_\_\_\_.

Select the correct option

<input type="radio"/>	MOV	
<input type="radio"/>	LODS	
<input checked="" type="radio"/>	CMPS	<b>A Good Education is a Foundation For a Better Future</b> <b>CORRECT ANSWER SOLVED BY HADI</b> <b>EMAIL:hadirajputofficial@gmail.com</b> <b>WHATSAPP&amp; CALL:03087122922</b>
<input type="radio"/>	STOS	

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Question # 12 of 30 ( Start time: 09:30:37 PM, 27 December 2020 )

Total Marks: 1

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

Select the correct option

<input type="radio"/>	SS:SI	//
<input checked="" type="radio"/>	SS:SP	//
<input type="radio"/>	SP:DI	
<input type="radio"/>	SP:SI	

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Question # 13 of 30 ( Start time: 09:31:39 PM, 27 December 2020 )

Total Marks: 1

In a video memory, each screen location corresponds to \_\_\_\_\_ byte(s).

Select the correct option

<input type="radio"/>	one	//
<input checked="" type="radio"/>	two	//
<input type="radio"/>	four	//
<input type="radio"/>	eight	//

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Question # 23 of 30 ( Start time: 10:31:31 PM, 27 December 2020 )

Total Marks: 1

Which of the following string instruction is generally used in a loop instead of REP prefix?

Select the correct option

<input type="radio"/>	SCAS	
<input checked="" type="radio"/>	LODS	<b>A Good Education is a Foundation For a Better Future</b> <b>CORRECT ANSWER SOLVED BY HADI</b> <b>EMAIL:hadirajputofficial@gmail.com</b> <b>WHATSAPP&amp; CALL:03087122922</b>
<input type="radio"/>	CMPS	
<input type="radio"/>	STOS	

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Question # 15 of 30 ( Start time: 10:26:00 PM, 27 December 2020 )

Total Marks: 1

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

Select the correct option

- |                                  |                 |   |
|----------------------------------|-----------------|---|
| <input checked="" type="radio"/> | STOSB and STOSW | ✓ |
| <input type="radio"/>            | STOS and STOSes | ✓ |
| <input type="radio"/>            | STOS1 and STOS2 |   |
| <input type="radio"/>            | STOSA and STOSB |   |

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Question # 15 of 30 ( Start time: 09:32:44 PM, 27 December 2020 )

Total Marks: 1

Program consists of \_\_\_\_\_ logical parts.

Select the correct option

<input checked="" type="radio"/>	Two	<b>A Good Education is a Foundation For a Better Future</b> <b>CORRECT ANSWER SOLVED BY HADI</b> <b>EMAIL:hadirajputofficial@gmail.com</b> <b>WHATSAPP&amp; CALL:03087122922</b>
<input type="radio"/>	Three	
<input type="radio"/>	One	
<input type="radio"/>	Four	

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## Question # 1 of 30 ( Start time: 10:15:39 PM, 27 December 2020 )

Total Marks: 1

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

## Select the correct option

<input type="radio"/>	Current instruction	/
<input type="radio"/>	Previous instruction	/
<input type="radio"/>	Accumulator register	/
<input checked="" type="radio"/>	Instruction pointer	/

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Question # 11 of 30 ( Start time: 09:29:13 PM, 27 December 2020 )

Total Marks: 1

The clear screen operation initializes the whole block of video memory to \_\_\_\_\_.

Select the correct option

- |                                  |        |   |
|----------------------------------|--------|---|
| <input type="radio"/>            | 0x0721 | / |
| <input type="radio"/>            | 0x0714 | / |
| <input checked="" type="radio"/> | 0x0720 |   |
| <input type="radio"/>            | 0x0175 |   |

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Question # 24 of 30 ( Start time: 09:41:26 PM, 27 December 2020 )

Total Marks: 1

MUL instruction performs an unsigned multiplication of the source operand and the \_\_\_\_\_.

Select the correct option

<input checked="" type="radio"/>	accumulator	<b>A Good Education is a Foundation For a Better Future</b> <b>CORRECT ANSWER SOLVED BY HADI</b> <b>EMAIL:hadirajputofficial@gmail.com</b> <b>WHATSAPP&amp; CALL:03087122922</b>	//
<input type="radio"/>	carry		//
<input type="radio"/>	word at ES:DI		//
<input type="radio"/>	base		//

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Question # 7 of 30 ( Start time: 09:24:57 PM, 27 December 2020 )

Total Marks: 1

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

Select the correct option

- 3
- 2
- 4
- 1

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