

VIRTUAL UNIVERSITY OF PAKISTAN

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CORRECT ANSWER SOLVED BY HADI
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TEAM HADI(VU LAHORE)

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Best of luck!



Question # 1 of 10 (Start time: 01:23:44 PM, 06 June 2023)

Total Marks: 1

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

Select the correct option

 Reload Math Equations

☐	16
☐	32
☒	8
☐	64

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Question # 8 of 10 (Start time: 02:10:53 PM, 25 May 2023)

Total Marks:

In _____ operation, the carry flag is inserted from the right causing every bit to move one location to its left. The dropped bit from the left goes into the carry flag.

Select the correct option

☐	Rotate Right (ROR)
☒	Rotate through Carry Left (RCL)
☐	Rotate Left (ROL)
☐	Rotate through Carry Right (RCR)

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Question # 10 of 10 (Start time: 09:57:04 AM, 06 June 2023)

Total Marks: 1

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

Select the correct option

 Reload Math Equations

☐	1
☐	3
☒	2
☐	0

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Question # 2 of 10 (Start time: 09:50:45 AM, 06 June 2023)

Total Marks: 1

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

Select the correct option

☐	CX
☐	BX
☒	SP
☐	DS

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Question # 6 of 10 (Start time: 04:42:42 PM, 24 May 2023)

Total Marks: 1

Which of the following is the renamed version of conditional jump JZ?

Select the correct option

☐	JB
☐	JNC
☐	JA
☒	JE

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Question # 3 of 10 (Start time: 02:08:50 PM, 25 May 2023)

Total Marks: 1

The swap flag can be stored in _____.

Select the correct option

☐	both register and memory
☒	a register
☐	memory
☐	neither register nor memory

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Question # 4 of 10 (Start time: 04:40:50 PM, 24 May 2023)

Total Marks: 1

In iAPX88, when an element is popped from the stack, SP is _____ by 2.

Select the correct option

 Reload Math Equations

☐	divided
☒	decremented
☐	multiplied
☐	incremented

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

Total Marks: 1

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

Select the correct option

☐	25
☒	10
☐	5
☐	50

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Question # 5 of 10 (Start time: 04:42:03 PM, 24 May 2023)

Total Marks: 1

_____ subtracts one from the operand.

Select the correct option

☒	DEC
☐	MEC
☐	Modulus
☐	Shift

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Question # 9 of 10 (Start time: 02:11:37 PM, 25 May 2023)

Total Marks: 1

BH register is a (an) _____ bit register.

Select the correct option

 Reload Math Equations

☐	32
☒	8
☐	16
☐	24

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Question # 10 of 10 (Start time: 04:44:44 PM, 24 May 2023)

Total Marks: 1

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

Select the correct option

☐	2
☐	1
☐	3
☒	4

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Question # 1 of 10 (Start time: 04:39:00 PM, 24 May 2023)

Total Marks: 1

Which of the following is an illegal instruction?

Select the correct option

☒	MOV AX, [BX+BP]
☐	MOV AX, 65
☐	MOV AX, BX
☐	Mov BX, 10

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Question # 6 of 10 (Start time: 02:10:01 PM, 25 May 2023)

Total Marks: 1

The maximum amount of memory accessible using 8085 processor is _____.

Select the correct option

☐	2 MB
☐	85 KB
☐	1 MB
☒	64 KB

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Question # 9 of 10 (Start time: 04:43:50 PM, 24 May 2023)

Total Marks:

_____ 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

☐	POP
☐	CALL
☒	RET n
☐	PUSH

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Question # 4 of 10 (Start time: 09:48:35 AM, 24 May 2023)

Total Marks: 1

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

Select the correct option

☐	4
☐	8
☐	1
☒	2

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Question # 6 of 10 (Start time: 09:53:57 AM, 06 June 2023)

Total Marks: 1

In assembly language, _____ is used to load a character in AL.

Select the correct option

☐	Lodbs
☐	lodbb
☐	Lodal
☒	Lodsb

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Question # 5 of 10 (Start time: 02:09:41 PM, 25 May 2023)

Total Marks: 1

CS and IP are both _____ bit registers.

Select the correct option

☐	8
☐	16
☒	32
☐	4

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Question # 8 of 10 (Start time: 09:52:13 AM, 24 May 2023)

Total Marks: 1

In which of the following addressing, both registers are not constant?

Select the correct option

☐	Base + offset
☐	Base + Index
☒	Index + offset
☐	Base + offset + Index

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Question # 6 of 10 (Start time: 09:50:42 AM, 24 May 2023)

Total Marks: 1

Whenever an instruction needs a memory source, _____ holds the pointer to it.

Select the correct option

☐	ES:DX
☒	DS:SI
☐	ES:DI
☐	DS:SP

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Question # 3 of 10 (Start time: 01:25:16 PM, 06 June 2023)

Total Marks: 1

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

Select the correct option

 Reload Math Equations

☐	data segment
☐	base register
☒	stack
☐	instruction pointer

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Question # 9 of 10 (Start time: 09:55:58 AM, 06 June 2023)

Total Marks: 1

REP allows an instruction to be _____ CX times.

Select the correct option

 Reload Math Equations

☐	reported
☐	repositioned
☐	replaced
☒	repeated

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Question # 7 of 10 (Start time: 01:26:47 PM, 06 June 2023)

Total Marks: 1

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

Select the correct option

☐	AL
☐	BL
☒	AX
☐	AH

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Question # 4 of 10 (Start time: 09:52:13 AM, 06 June 2023)

Total Marks: 1

Which of the following is used to clear the direction flag?

Select the correct option

☐	std
☐	stdr
☐	clrd
☒	cld

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Question # 7 of 10 (Start time: 09:55:04 AM, 06 June 2023)

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
☐	8080
☒	8088
☐	iAPX386

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Question # 1 of 10 (Start time: 09:45:30 AM, 24 May 2023)

Total Marks: 1

In far jump, _____.

Select the correct option

☐	only segment address is given
☐	no need to mention any segment or offset
☐	only offset is given
☒	both offset and segment are given

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Question # 3 of 10 (Start time: 09:47:57 AM, 24 May 2023)

Total Marks: 1

_____ is used for temporary diversion.

Select the correct option

☐	Jump
☐	Short jump
☒	Call
☐	Return

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Question # 1 of 10 (Start time: 09:50:07 AM, 06 June 2023)

Total Marks: 1

If AX=00FF, then which of the following instruction can be used to change the value of AX to FF00?

Select the correct option

☒	AND AX, FF00
☐	XOR AX, AX
☐	NOT AX
☐	OR AX, AX

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Question # 9 of 10 (Start time: 09:53:12 AM, 24 May 2023)

Total Marks: 1

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

Select the correct option

☐	4
☐	1
☐	3
☒	2

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