Started on	Thursday, 11 November 2021, 2:50 PM
State	Finished
Completed on	Thursday, 11 November 2021, 2:51 PM
Time taken	42 secs
Marks	5.00/5.00
Grade	**10.00** out of 10.00 (**100**%)

Question **1**
Complete
Mark 1.00 out of 1.00

BIOS INT 16H, service 12H returns AX = 0004H. Which key on the system keyboard is pressed

Select one:
- a.   Insert
- ◉ b.   Control
- c.   Scroll Lock
- d.   None of the Above

Question **2**
Complete
Mark 1.00 out of 1.00

What is the DEBUG immediate mode command to output the byte from port 18H?

Select one:
- a.   r15
- b.   a18
- ◉ c.   o18
- d.   i15

Question **3**

Complete

Mark 1.00 out of 1.00

What single 80x86 instruction is equivalent to the following 80x86 instruction sequence? Assume the direction flag is reset.
MOVD EAX, [SI]
INC SI

Select one:

○ a. LODSW

○ b. LODSB

◉ c. LODSD

○ d. LODS

Question **4**

Complete

Mark 1.00 out of 1.00

Which of the following I/O instructions are invalid?

Select one:

○ a. IN EAX, DX

○ b. OUT DX, EAX

◉ c. OUT 19h, 3CE0

○ d. IN AL, 19h

Question **5**

Complete

Mark 1.00 out of 1.00

Write an 80x86 instruction sequence that inputs data from port 57H, sets bits 5 and 7 without changing the other bits, and outputs this data back to the same port.
In AL, 57
Or AL, __
Out 57, AL

Select one:

○ a. 0Ch

◉ b. A0h

○ c. 0Ah

○ d. C0h

◄ Quiz 5

Jump to...

Practice problem set 0 ►