Started on	Thursday, 11 November 2021, 2:34 PM
State	Finished
Completed on	Thursday, 11 November 2021, 2:35 PM
Time taken	34 secs
Grade	**8.00** out of 8.00 (**100**%)

Question **1**

Complete

Mark 1.00 out of 1.00

Determine the contents of register AL after the following instructions have executed:
MOV AL,58H
AND AL,F0H

Select one:

○ a.   50h

○ b.   58h

○ c.   F0h

○ d.   None of the Above

Question **2**

Complete

Mark 1.00 out of 1.00

Determine the contents of register AL after the following instructions have executed:
MOV AL,E2H
MOV CL,5
ROR AL,CL

Select one:

○ a.   E2h

○ b.   5h

○ c.   17h

○ d.   None of the Above

Question **3**

Complete

Mark 1.00 out of 1.00

Determine the contents of register BL after the following instructions have executed:

MOV BL,79H

MOV AL,82H

SUB BL,AL

SBB BL,13H

Select one:

- a.   79h

- b.   82h

- c.   13h

- ● d.   None of the Above

Question **4**

Complete

Mark 1.00 out of 1.00

For the instruction sequence below, determine the contents of register AL after the DAA instruction.

```
MOV AL,46H
ADD AL,85H
DAA
```

Select one:

- a.   30h

- ● b.   31h

- c.   32h

- d.   33h

Question **5**

Complete

Mark 1.00 out of 1.00

For the instruction sequence below, determine the contents of register AL after the add instruction.

```
MOV AL,46H
ADD AL,85H
DAA
```

Select one:

- a.   DEh

- ● b.   CBh

- c.   BCh

- d.   None of the Above

Question **6**

Complete

Mark 1.00 out of 1.00

The ASCII code defines _____ different letters, numbers, punctuation marks, and control codes.

Select one:

○ a. 126

○ b. 127

◉ c. 128

○ d. None of the Above

Question **7**

Complete

Mark 1.00 out of 1.00

When accessing the BIOS services, what register holds the service number?

Select one:

○ a. A0H

○ b. B0H

○ c. 0BH

◉ d. 0AH

Question **8**

Complete

Mark 1.00 out of 1.00

Which instruction sequence below transfers control to a memory location named A1 if register AL = 40h?

```
;Sequence 1      ;Sequence 2       ;Sequence 3
 CMP AL,40H       MOV BL,40H        CMP AL,40H
 JNZ A1           CMP AL,BL         JA A1
                  JZ A1
```

Select one:

○ a. Sequence 1

◉ b. Sequence 2

○ c. Sequence 3

○ d. None of the Above

Jump to...