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Homework 4 Quiz

Started on Thursday, 11 July 2019, 12:10 AM

State Finished

Completed on Thursday, 11 July 2019, 12:11 AM

Time taken 49 secs

Grade 48.00 out of 48.00 (100%)

Question 1

Correct

Mark 6.00 out of 6.00

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

The correct answer is: 50h

Question 2

Correct

Mark 6.00 out of 6.00

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

The correct answer is: 17h

Question 3

Correct

Mark 6.00 out of 6.00

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 ✓

The correct answer is: None of the Above

Question 4

Correct

Mark 6.00 out of 6.00

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

The correct answer is: CBh

Question 5

Correct

Mark 6.00 out of 6.00

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

The correct answer is: 31h

Question 6

Correct

Mark 6.00 out of 6.00

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

The correct answer is: 128

Question 7

Correct

Mark 6.00 out of 6.00

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

Select one:

- ☐ a. 0BH
- ☐ b. A0H
- ☐ c. B0H
- ☒ d. 0AH ✓

The correct answer is: 0AH

Question 8

Correct

Mark 6.00 out of 6.00

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

;Sequence 1

CMP AL, 40H

JNZ A1

;Sequence 2

MOV BL, 40H

CMP AL, BL

JZ A1

;Sequence 3

CMP AL, 40H

JA A1

Select one:

- ☐ a. Sequence 1
- ☒ b. Sequence 2 ✓
- ☐ c. Sequence 3
- ☐ d. None of the Above

Your answer is correct.

The correct answer is: Sequence 2

◀ Homework 3 Quiz

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