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Homework 2 Quiz

Started on	Wednesday, 10 July 2019, 11:50 PM
State	Finished
Completed on	Wednesday, 10 July 2019, 11:53 PM
Time taken	3 mins 6 secs
Grade	**58.00** out of 58.00 (**100**%)

Question 1

Correct

Mark 2.00 out of 2.00

Convert the following decimal numbers into 8-bit signed binary
number: -12

Select one:

- a. 0110 0100
- b. 0010 0000
- c. 1010 0100
- d. 1111 0100 ✓

The correct answer is: 1111 0100

Question 2

Correct

Mark 2.00 out of 2.00

Convert the following decimal numbers into 8-bit signed binary number: -92

Select one:

○ a. 0010 0000

○ b. 0110 0100

○ c. 1111 0100

◉ d. 1010 0100 ✓

The correct answer is: 1010 0100

Question 3

Correct

Mark 2.00 out of 2.00

Convert the following decimal numbers into 8-bit signed binary number: 100

Select one:

- ○ a. 0110 0100 ✓
- ○ b. 1010 0100
- ○ c. 0010 0000
- ○ d. 1111 0100

The correct answer is: 0110 0100

Question 4

Correct

Mark 2.00 out of 2.00

Convert the following decimal numbers into 8-bit signed binary number: 32

Select one:

- ○   a. 0110 0100
- ⦿   b. 0010 0000 ✓
- ○   c. 1010 0100
- ○   d. 1111 0100

The correct answer is: 0010 0000

Question 5

Correct

Mark 2.00 out of 2.00

Convert the following decimal numbers into signed binary words:
-120

Select one:

- a. 0000 0011 1110 1000
- b. 1111 0011 0111 0100
- c. 1111 1111 1000 1000 ✓
- d. 0000 0011 0010 0000

The correct answer is: 1111 1111 1000 1000

Question 6

Correct

Mark 2.00 out of 2.00

Convert the following decimal numbers into signed binary words:
-3212

Select one:

- ○ a. 1111 0011 0111 0100 ✓
- ○ b. 0000 0011 0010 0000
- ○ c. 1111 1111 1000 1000
- ○ d. 0000 0011 1110 1000

The correct answer is: 1111 0011 0111 0100

Convert the following decimal numbers into signed binary words:
1000

Select one:

○ a. 0000 0011 1110 1000 ✓

○ b. 1111 1111 1000 1000

○ c. 1111 0011 0111 0100

○ d. 0000 0011 0010 0000

The correct answer is: 0000 0011 1110 1000

Question 8

Correct

Mark 2.00 out of 2.00

Convert the following decimal numbers into signed binary words: 800

Select one:

- a. 1111 1111 1000 1000
- b. 0000 0011 1110 1000
- c. 1111 0011 0111 0100
- d. 0000 0011 0010 0000 ✓

The correct answer is: 0000 0011 0010 0000

Question 9

Correct

Mark 2.00 out of 2.00

Convert the following words into ASCII-coded character strings: Arc

Select one:
- a. 41 52 4F
- b. 57 61 74
- c. 46 72 6F
- d. 41 72 63 ✓

The correct answer is: 41 72 63

Question 10

Correct

Mark 2.00 out of 2.00

Convert the following words into ASCII-coded character strings:
FROG

Select one:

- a. 46 52 4F 47 ✔
- b. 57 61 74 65
- c. 46 72 6F 67
- d. 41 72 63 73

The correct answer is: 46 52 4F 47

Question 11

Correct

Mark 2.00 out of 2.00

Convert the following words into ASCII-coded character strings:
Water

Select one:

- a. 46 72 6F 67 4C
- b. 46 52 4F 47 5D
- c. 57 61 74 65 72 ✓
- d. 41 72 63 73 72

The correct answer is: 57 61 74 65 72

Question 12

Correct

Mark 2.00 out of 2.00

Convert the following words into ASCII-coded character strings: Well

Select one:

- a. 46 52 47 47
- b. 57 72 6F 67
- c. 41 72 63 73
- d. 57 65 6C 6C ✓

The correct answer is: 57 65 6C 6C

Question 13

Correct

Mark 2.00 out of 2.00

Define byte.

Select one:

- ○ a. 16-bit binary number
- ● b. 8-bit binary number ✓
- ○ c. 4-bit binary number
- ○ d. 32-bit binary number

The correct answer is: 8-bit binary number

Question 14

Correct

Mark 2.00 out of 2.00

Define double word.

Select one:

- a. 8-bit binary number
- b. 32-bit binary number ✓
- c. 16-bit binary number
- d. 4-bit binary number

The correct answer is: 32-bit binary number

Question 15

Correct

Mark 2.00 out of 2.00

Define word.

Select one:

- a. 4-bit binary number
- b. 16-bit binary number ✓
- c. 8-bit binary number
- d. 32-bit binary number

The correct answer is: 16-bit binary number

Question 16

Correct

Mark 2.00 out of 2.00

List the 16-bit registers that are used for register addressing.

Select one:

- ○ a. AL, AH, BL, BH, CL, CH, DL, and DH
- ○ b. RAX, RBX, RCX, RDX, RSP, RBP, RSI, RDI, and R8-R15
- ● c. AX, BX, CX, DX, SP, BP, SI, DI, CS, DS, ES, SS, FS, and GS ✔
- ○ d. EAX, EBX, ECX, EDX, ESP, EBP, EDI, and ESI

The correct answer is: AX, BX, CX, DX, SP, BP, SI, DI, CS, DS, ES, SS, FS, and GS

Question 17

Correct

Mark 2.00 out of 2.00

List the 16-bit segment registers used with register addressing by MOV, PUSH, and POP

Select one:

- a. EAX, EBX, ECX, EDX, ESP, EBP, EDI, and ESI
- b. RAX, RBX, RCX, RDX, RSP, RBP, RSI, RDI, and R8-R15
- c. AL, AH, BL, BH, CL, CH, DL, and DH
- d. CS, DS, ES, SS, FS, and GS ✓

The correct answer is: CS, DS, ES, SS, FS, and GS

Question 18

Correct

Mark 2.00 out of 2.00

List the 32-bit registers that are used for register addressing in the 80386 through the Core 2 microprocessor.

Select one:

- a. AL, AH, BL, BH, CL, CH, DL, and DH
- b. RAX, RBX, RCX, RDX, RSP, RBP, RSI, RDI, and R8-R15
- ● c. EAX, EBX, ECX, EDX, ESP, EBP, EDI, and ESI ✔
- d. AX, BX, CX, DX, SP, BP, SI, DI, CS, DS, ES, SS, FS, and GS

The correct answer is: EAX, EBX, ECX, EDX, ESP, EBP, EDI, and ESI

Question 19

Correct

Mark 2.00 out of 2.00

List the 64-bit registers available to the 64-bit mode of the Pentium 4 and Core 2

Select one:

   ○   a. AX, BX, CX, DX, SP, BP, SI, DI, CS, DS, ES, SS, FS, and GS

   ○   b. AL, AH, BL, BH, CL, CH, DL, and DH

   ◉   c. RAX, RBX, RCX, RDX, RSP, RBP, RSI, RDI, and R8-R15 ✔

   ○   d. EAX, EBX, ECX, EDX, ESP, EBP, EDI, and ESI

The correct answer is: RAX, RBX, RCX, RDX, RSP, RBP, RSI, RDI, and R8-R15

Question 20

Correct

Mark 2.00 out of 2.00

List the 8-bit registers that are used for register addressing.

Select one:

- a. AX, BX, CX, DX, SP, BP, SI, DI, CS, DS, ES, SS, FS, and GS

- ○ b. AL, AH, BL, BH, CL, CH, DL, and DH ✓

- c. RAX, RBX, RCX, RDX, RSP, RBP, RSI, RDI, and R8-R15

- d. EAX, EBX, ECX, EDX, ESP, EBP, EDI, and ESI

The correct answer is: AL, AH, BL, BH, CL, CH, DL, and DH

Question 21

Correct

Mark 2.00 out of 2.00

What does the following MOV instruction accomplish: MOV AX,BX

Select one:

- ○ a. The contents of BX is copied into AX ✓
- ○ b. The contents of AX is copied into AX
- ○ c. The contents of AX is copied into BX
- ○ d. None of the Above

The correct answer is: The contents of BX is copied into AX

Question 22

Correct

Mark 2.00 out of 2.00

What does the following MOV instruction accomplish: MOV BL,CH

Select one:

- ○ a. The contents of BL is copied into CH
- ● b. The contents of CH is copied into BL ✓
- ○ c. The contents of BL is copied into BL
- ○ d. None of the Above

The correct answer is: The contents of CH is copied into BL

Question 23

Correct

Mark 2.00 out of 2.00

What does the following MOV instruction accomplish: MOV BX,AX

Select one:

○ a. The contents of BX is copied into AX

○ b. The contents of AX is copied into AX

● c. The contents of AX is copied into BX ✓

○ d. None of the Above

The correct answer is: The contents of AX is copied into BX

Question 24

Correct

Mark 2.00 out of 2.00

What does the following MOV instruction accomplish: MOV ESP,EBP

Select one:

- ○ a. The contents of EBP is copied into ESP ✓
- ○ b. The contents of ESP is copied into EBP
- ○ c. The contents of ESP is copied into ES{
- ○ d. None of the Above

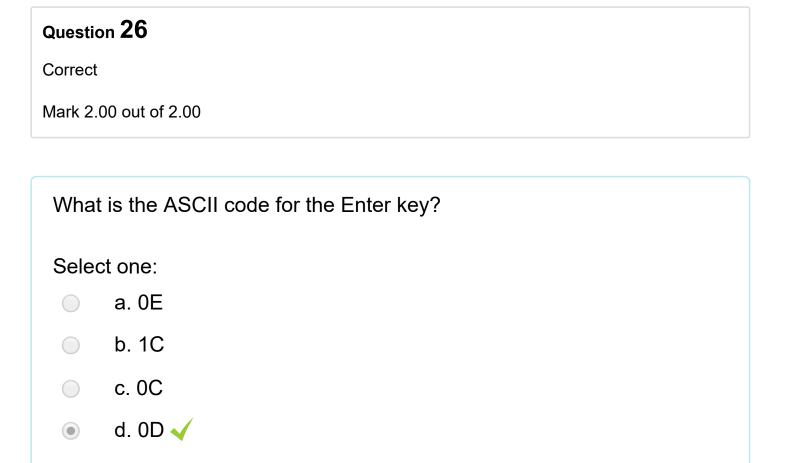The correct answer is: The contents of EBP is copied into ESP

Question 25

Correct

Mark 2.00 out of 2.00

What does the following MOV instruction accomplish: MOV RAX,RCX

Select one:

- a. The contents of RBX is copied into RAX
- b. The contents of RAX is copied into RCX
- ⦿ c. The contents of RCX is copied into RAX ✓
- d. None of the Above

The correct answer is: The contents of RCX is copied into RAX

Question 26

Correct

Mark 2.00 out of 2.00

What is the ASCII code for the Enter key?

Select one:

- a. 0E
- b. 1C
- c. 0C
- d. 0D ✓

The correct answer is: 0D

Question 27

Correct

Mark 2.00 out of 2.00

What is Unicode?

Select one:

- a. 8-bit alphanumeric code used with Windows
- b. 16-bit alphanumeric code used with Windows ✓
- c. 32-bit alphanumeric code used with Windows
- d. None of the Above

The correct answer is: 16-bit alphanumeric code used with Windows

Question 28

Correct

Mark 2.00 out of 2.00

What is wrong with the MOV BL,CX instruction?

Select one:

- ○ a. CX is a special write only register
- ◉ b. Register size must be equal ✔
- ○ c. Nothing
- ○ d. None of the Above

The correct answer is: Register size must be equal

Question 29

Correct

Mark 2.00 out of 2.00

What is wrong with the MOV DS,SS instruction?

Select one:

- ⦿ a. You may not specify mixed register sizes ✓
- ○ b. DS is a special register
- ○ c. Nothing
- ○ d. None of the Above

The correct answer is: You may not specify mixed register sizes

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