ASCII stands for

Answer (Please select your correct option)

○ American Standard Code for Information Interchange

corect

○ American Standard Code for Internet Information

○ American Standard Code for Interchanging Information

○ All Standard Codes for Information Interchange

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The extended ASCII has

Answer (Please select your correct option)

○ 64 characters

○ 128 characters

○ 256 characters   correct

○ 502 characters

To reserve 8-bits in memory ___ directive is used.

Answer (Please select your correct option)

○ db

correct

○ dw

○ dn

○ dd

When the RET instruction is executed, it recovers the value of instruction pointer from the

Answer (Please select your correct option)

○ Register

○ Stack

correct

○ Data segment

○ Code segment

The execution of the instruction "mov word [ES : DI], 0x0720"

Answer (Please select your correct option)

○ will clear next character on screen

correct

○ will print "20" at top left of the screen

○ will print "20" on top right of the screen

○ will move DI at location 0720 on the screen

which bit sets the character "blinking" on the screen?

Answer (Please select your correct option)

○ 5

○ 6

○ 7   correct

○ 8

To transfer control back, the RET instruction takes

Answer (Please select your correct option)

○ 2 arguments

○ 3 arguments

○ 4 arguments

○ No arguments   correct

When a very large number is divided by very small number so that the quotient is larger than the space provided then

Answer (Please select your correct option)

○   Quotient will take an extra byte to be stored

○   Quotient will not be stored anywhere and instruction will be skipped

○   An interrupt will be generated and the program will be terminated

○   Quotient will be divided again until it fits the space provided

Each screen location corresponds to a word, the lower byte of this word contains _____

Answer (Please select your correct option)

○ The character code

correct

○ The attribute byte

○ The parameters

○ The dimensions

The execution of the instruction "mov word [ES : 160], 0x1230" will print character "0" on the screen , the color of the character "0" will be

Answer (Please select your correct option)

○ White

○ Red

○ Green   correct

○ Blue

In A4FB:4872 Segment:offset pair the physical address is (both segment and offset are in hexadecimal):

Answer (Please select your correct option)

○ A4FB0

○ 04872

○ A9822   <u>correct</u>

○ A4872

Which of the following flags will be affected by MOVSB?

Answer (Please select your correct option)

○ DF

○ ZF

○ PF

○ No effect on flags   correct

When the operand of DIV instruction is of 16 bits then implied dividend will be stored in _____

Answer (Please select your correct option)

○   The concatenation of DS and BX

○   AX register   correct

○   The concatenation of ES and AX

○   The concatenation of DX and AX

The execution of the instruction "mov word [ES : 160], 0x1230" will print character "0" on the screen , the Background color will be

Answer (Please select your correct option)

○   Black

○   Red

○   Green

○   Blue   <u>correct</u>   *Made By: Waqar Siddhu*

When a 16 bit number is divided by 8 bit number, the quotient will be stored in

Answer (Please select your correct option)

○ AX

○ AL

correct

○ AH

○ DX

The bits of the _____ work independently and individually.

Answer (Please select your correct option)

○ Index register

○ Base register

○ Flags register   correct

○ Accumulator register

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All possible types of Jumps in assembly language are:

Answer (Please select your correct option)

○ short, far

○ short, near

○ short, near, far   correct

○ short, near, far, long

The first possible segment base value is _____.

Answer (Please select your correct option)

- 0000   correct
- 0001
- 0010
- 0100

Code Segment is associated to _____ register by default.

Answer (Please select your correct option)

○ IP

correct

○ SS

○ BP

○ CX

Which bit of the Attribute Byte (Counting from right to left, starting from 0) represents the GREEN component of foreground color?

Answer (Please select your correct option)

○ 1

○ 2

○ 3

○ 4

Why BP (Base Pointer) default segment is SS (Stack Segment)?

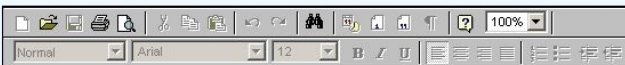**Answer (Please click here to Add Answer)**

| Normal | Arial | 12 | **B** *I* U |

"Interrupts are asynchronous" What does it mean?

Answer (Please click here to Add Answer)

What are the results after performing the following instructions, where ax = 00110011 and bx = 00010001
1.and ax,bx
2.or ax,bx
3.xor ax,bx

Answer (Please click here to Add Answer)

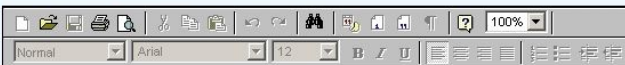Normal | Arial | 12 | **B** *I* <u>U</u>
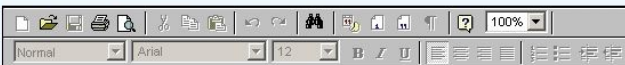
What is the working of Screen Scrolling program and write the name of the most important instruction used in that program?
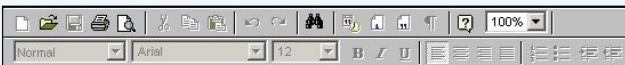
Answer (Please click here to Add Answer)

Write an assembly language program that display Zero (0) on the whole DOS screen.

Answer (Please click here to Add Answer)

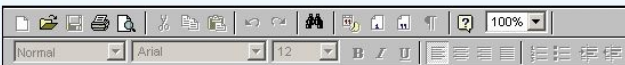Write an assembly language program that clears the computer screen.

Answer (Please click here to Add Answer)