

Question No : 1 of 26 Marks: 1 (Budgeted Time 1 Min)

ASCII stands for

Answer ( Please select your correct option )

- American Standard Code for Information Interchange
  - American Standard Code for Internet Information
  - American Standard Code for Interchanging Information
  - All Standard Codes for Information Interchange
- corect**
- Made By: Waqar Siddhu**

Question No : 2 of 26 Marks: 1 (Budgeted Time 1 Min)

The extended ASCII has

Answer ( Please select your correct option )

- 64 characters
  - 128 characters
  - 256 characters
  - 502 characters
- correct**
- Made By: Waqar Siddhu**

Question No : 3 of 26 Marks: 1 (Budgeted Time 1 Min)

To reserve 8-bits in memory \_\_\_\_ directive is used.

Answer ( Please select your correct option )

- db
  - dw
  - dn
  - dd
- correct**
- Made By: Waqar Siddhu**

Question No : 4 of 26

Marks: 1 (Budgeted Time 1 Min)

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

Answer ( Please select your correct option )

- Register
- Stack
- Data segment
- Code segment

correct

**Made By: Waqar Siddhu**

Question No : 5 of 26

Marks: 1 (Budgeted Time 1 Min)

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

Answer ( Please select your correct option )

- will clear next character on screen
- 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

correct

**Made By: Waqar Siddhu**

Question No : 6 of 26

Marks: 1 (Budgeted Time 1 Min)

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

- 5
- 6
- 7
- 8

correct

**Made By: Waqar Siddhu**

Question No : 7 of 26

Marks: 1 (Budgeted Time 1 Min)

To transfer control back, the RET instruction takes

Answer ( Please select your correct option )

2 arguments

3 arguments

4 arguments

No arguments

correct

**Made By: Waqar Siddhu**

Question No : 8 of 26

Marks: 1 (Budgeted Time 1 Min)

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

**Made By: Waqar Siddhu**

Question No : 9 of 26

Marks: 1 (Budgeted Time 1 Min)

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

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Question No : 10 of 26

Marks: 1 (Budgeted Time 1 Min)

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

Blue

correct

**Made By: Waqar Siddhu**

Question No : 11 of 26

Marks: 1 (Budgeted Time 1 Min)

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

A4872

correct

**Made By: Waqar Siddhu**

Question No : 12 of 26

Marks: 1 (Budgeted Time 1 Min)

Which of the following flags will be affected by MOVSB?

Answer ( Please select your correct option )

DF

ZF

PF

No effect on flags

correct

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Question No : 13 of 26

Marks: 1 (Budgeted Time 1 Min)

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
- The concatenation of ES and AX
- The concatenation of DX and AX

correct

**Made By: Waqar Siddhu**

Question No : 14 of 26

Marks: 1 (Budgeted Time 1 Min)

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

correct

**Made By: Waqar Siddhu**

Question No : 15 of 26

Marks: 1 (Budgeted Time 1 Min)

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
- AH
- DX

correct

**Made By: Waqar Siddhu**

Question No : 16 of 26

Marks: 1 (Budgeted Time 1 Min)

The bits of the \_\_\_\_\_ work independently and individually.

Answer ( Please select your correct option )

Index register

Base register

Flags register

Accumulator register

correct

**Made By: Waqar Siddhu**

Question No : 17 of 26

Marks: 1 (Budgeted Time 1 Min)

All possible types of Jumps in assembly language are:

short, far

short, near

short, near, far

short, near, far, long

correct

**Made By: Waqar Siddhu**

Question No : 18 of 26

Marks: 1 (Budgeted Time 1 Min)

The first possible segment base value is \_\_\_\_\_.

0000

0001

0010

0100

correct

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Question No : 19 of 26 Marks: 1 (Budgeted Time 1 Min)

Code Segment is associated to \_\_\_\_\_ register by default.

Answer ( Please select your correct option )

- IP correct
- SS
- BP
- CX

**Made By: Waqar Siddhu**

Question No : 20 of 26 Marks: 1 (Budgeted Time 1 Min)

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

**Made By: Waqar Siddhu**

Question No : 21 of 26 Marks: 2 (Budgeted Time 4 Min)

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

Answer ( Please [click here](#) to Add Answer )

Normal Arial 12 B I U

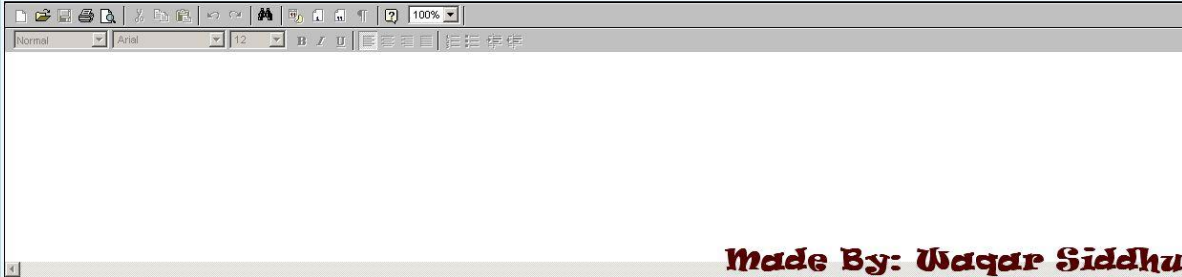
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Question No : 22 of 26

Marks: 2 (Budgeted Time 4 Min)

"Interrupts are asynchronous" What does it mean?

Answer ( Please [click here to Add Answer](#) )



**Made By: Waqar Siddhu**

Question No : 23 of 26

Marks: 3 (Budgeted Time 6 Min)

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](#) )



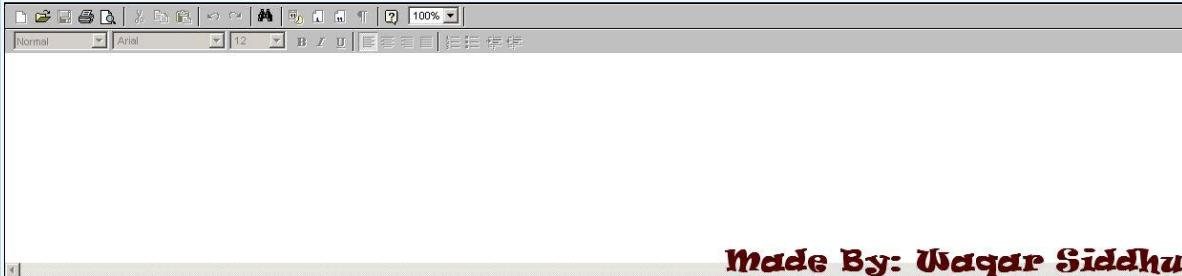
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Question No : 24 of 26

Marks: 3 (Budgeted Time 6 Min)

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](#) )



**Made By: Waqar Siddhu**

Question No : 25 of 26

Marks: 5 (Budgeted Time 10 Min)

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

Answer ( Please [click here to Add Answer](#) )



**Made By: Waqar Siddhu**

Question No : 26 of 26

Marks: 5 (Budgeted Time 10 Min)

Write an assembly language program that clears the computer screen.

Answer ( Please [click here to Add Answer](#) )



**Made By: Waqar Siddhu**