

Question No : 1 of 26

Marks: 1 (Budgeted Time 1 Min)

If a rotate through carry right (RCR) instruction is applied on a 16 bit word, effectively there is

Answer (Please select your correct option)

16-bits rotation

1-bit rotation

17-bits rotation

8-bits rotation

correct

Made By: Waqar Siddhu

Question No : 2 of 26

Marks: 1 (Budgeted Time 1 Min)

The near CALL instruction

Answer (Please select your correct option)

push only segment on the stack

push only offset on the stack

push both segment and offset on the stack

do not push any thing

correct

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Question No : 3 of 26

Marks: 1 (Budgeted Time 1 Min)

If AX=5, BX=5, CF and ZF are set, AF and DX contains zero then after the execution of instruction " ADC AX, BX" , AX will contain the value:

5

10

11

12

correct

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Question No : 4 of 26

Marks: 1 (Budgeted Time 1 Min)

For the execution of the instruction "DIV BL", the implied dividend will be stored in

Answer (Please select your correct option)

AX

correct

BX

CX

DX

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Question No : 5 of 26

Marks: 1 (Budgeted Time 1 Min)

MS DOS uses ____ display mode.

Answer (Please select your correct option)

Character based

correct

Graphics based

Numeric based

Console based

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Question No : 6 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

correct

Blue

Made By: Waqar Siddhu

Question No : 7 of 26

Marks: 1 (Budgeted Time 1 Min)

In the primitive form, the block processing instructions operate on _____ of memory at one time.

Answer (Please select your correct option)

Whole block

A single cell

correct

A single bit

Whole segment

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Question No : 8 of 26

Marks: 1 (Budgeted Time 1 Min)

In STOSB instruction, SI is decremented or incremented by

3

2

correct

1

4

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Question No : 9 of 26

Marks: 1 (Budgeted Time 1 Min)

CMPS instruction subtracts the source location to the destination location. Destination location always lies in

DS:SI

DS:DI

ES:SI

ES:DI

correct

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Question No : 10 of 26

Marks: 1 (Budgeted Time 1 Min)

If BL contains 00000101 then after a Single Right Shift, BL will contain

Answer (Please select your correct option)

0000011

0000010

1000011

1000010

correct

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Question No : 11 of 26

Marks: 1 (Budgeted Time 1 Min)

Each screen location corresponds to _____ in a video memory.

Answer (Please select your correct option)

One Byte

Two Bytes

Four Bytes

Eight Bytes

correct

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Question No : 12 of 26

Marks: 1 (Budgeted Time 1 Min)

ASCII Stands for _____

Answer (Please select your correct option)

American Standard Code for Information Interchange

American Scientific Code for International Interchange

American Standard Code for Intelligence Interchange

American Scientific Code for Information Interchange

correct

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Question No : 13 of 26

Marks: 1 (Budgeted Time 1 Min)

What is the ASCII code for 'A'?

Answer (Please select your correct option)

0x41

correct

0x40

0x31

0x30

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Question No : 14 of 26

Marks: 1 (Budgeted Time 1 Min)

386 processor is _____ compatible with iAPX88

Answer (Please select your correct option)

Upward

Downward

correct

Cross

Not

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Question No : 15 of 26

Marks: 1 (Budgeted Time 1 Min)

If AL contains -15 then what will be the decimal value of AL after "SAR AL, 1" is executed

Answer (Please select your correct option)

-7

correct

7

-8

8

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Question No : 16 of 26

Marks: 1 (Budgeted Time 1 Min)

Inside the computer signed numbers are represented in _____ complement notation.

Answer (Please select your correct option)

two's

correct

one's

zero's

fractional

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Question No : 17 of 26

Marks: 1 (Budgeted Time 1 Min)

The _____ flag plays the role of borrow during the subtraction operation.

Answer (Please select your correct option)

carry

correct

parity

sign

zero

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Question No : 18 of 26

Marks: 1 (Budgeted Time 1 Min)

The foreground and background color parameters are set by

Answer (Please select your correct option)

32 bits

16 bits

8 bits

4 bits

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Question No : 19 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 background color ?

Answer (Please select your correct option)

6

3

4

5

correct

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Question No : 20 of 26

Marks: 1 (Budgeted Time 1 Min)

In string manipulation whenever an instruction needs a memory source, which of the following will hold the pointer to it?

ES:DI

ES:BP

DS:BP

DS:SI

correct

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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)



Made By: Waqar Siddhu

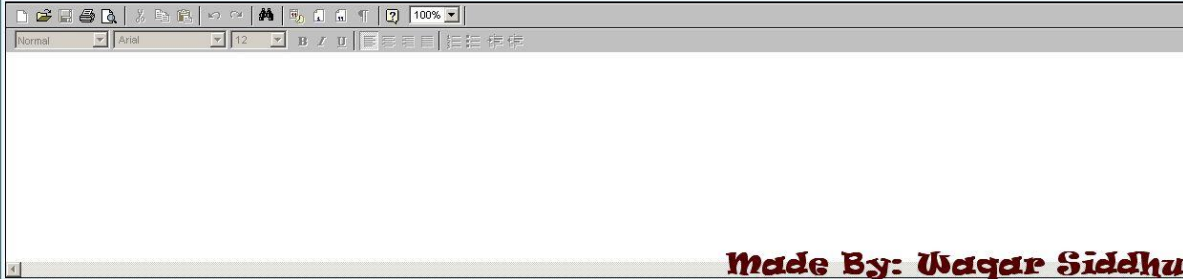
Question No : 22 of 26

Marks: 2 (Budgeted Time 4 Min)

Write a single instruction that can be used as an alternative of the following two instructions?

```
DEC CX  
JNZ NextChar
```

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



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Question No : 23 of 26

Marks: 3 (Budgeted Time 6 Min)

What are the instructions use by the Assembly language for Permanent diversion and temporarily diversion?

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



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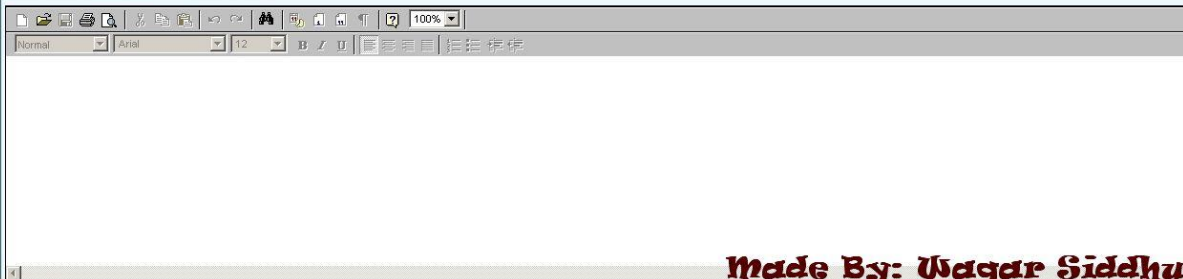
Question No : 24 of 26

Marks: 3 (Budgeted Time 6 Min)

Which interrupts are generated as a result of:

1. Dividing a number by zero
2. If the trap flag is set

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



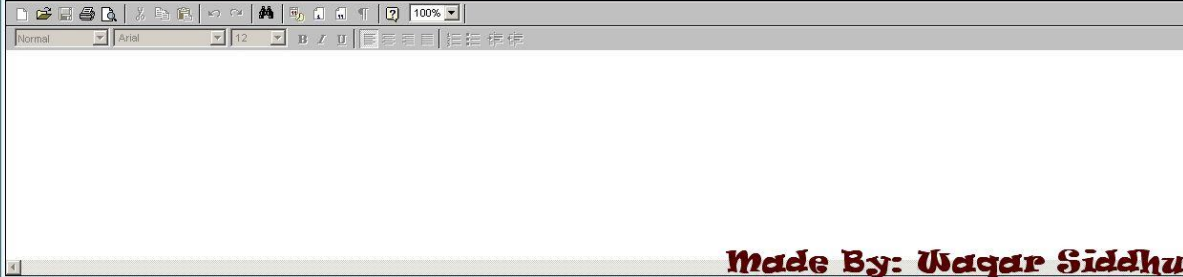
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Question No : 25 of 26

Marks: 5 (Budgeted Time 10 Min)

What is Divide Overflow Error? Complete the following code such that it will cause Divide Overflow Error.
mov BL, ___
mov AX, ___
DIV BL

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



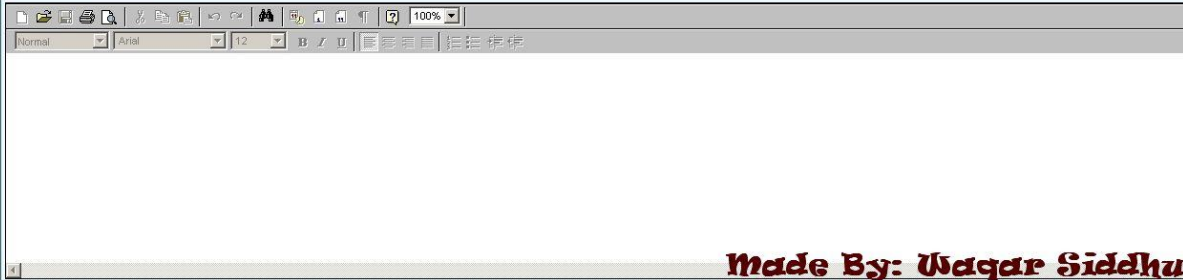
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Question No : 26 of 26

Marks: 5 (Budgeted Time 10 Min)

Write an assembly language program that clears the computer screen.

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



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