

# VIRTUAL UNIVERSITY OF PAKISTAN

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI  
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**TEAM HADI(VU LAHORE)**

## MID TERM PAST PAPER

We Deal All Kind of VU Project  
(PHP, .NET, ANDROID, PYTHON)

**MADE AND SOLVED BY HADI**

WARNING: Team HADI is not responsible for any mistake or wrong answer. All students reading and using this document may check and confirm the answers at their own.



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Best of luck!



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

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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

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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

correct

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dw

dn

dd

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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

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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

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Question No : 6 of 26

Marks: 1 (Budgeted Time 1 Min)

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

Answer ( Please select your correct option )

5

6

7

8

correct

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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

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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

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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

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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

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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

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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

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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

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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

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Question No : 17 of 26

Marks: 1 (Budgeted Time 1 Min)

All possible types of Jumps in assembly language are:

Answer ( Please select your correct option )

short, far

short, near

short, near, far

short, near, far, long

correct

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Question No : 18 of 26

Marks: 1 (Budgeted Time 1 Min)

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

Answer ( Please select your correct option )

0000

correct

0001

0010

0100

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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

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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

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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](#) )

Normal Arial 12 B I U

# BOOK

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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 )



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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 )



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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](#) )



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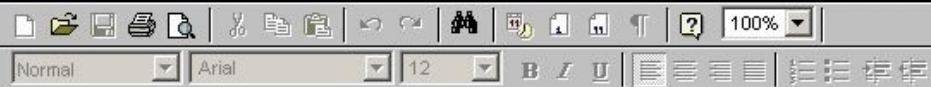
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Question No : 26 of 26

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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- 2) QUIZZES
- 3) GDB
- 4) GRAND QUIZZES

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