

VIRTUAL UNIVERSITY OF PAKISTAN

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP& CALL: 03087122922

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.



WhatsApp: 03087122922



FACEBOOK ID: <https://www.facebook.com/hadipastpapers/>

Best of luck!



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 HADI

Email: hadirajputofficial@gmail.com Whatsapp: 0308 7122 922 (Team Hadi Lahore)

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

MADE BY HADI

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:

Answer (Please select your correct option)

5

☐

10

☐

11

☒

correct

12

☐

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 0308 7122 922 (Team Hadi Lahore)

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

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP & CALL: 03087122922

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

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

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 0308 7122 922 (Team Hadi Lahore)

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

☐ Blue

correct

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

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

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 0308 7122 922 (Team Hadi Lahore)

Question No : 8 of 26

Marks: 1 (Budgeted Time 1 Min)

In STOSB instruction, SI is decremented or incremented by

Answer (Please select your correct option)

☐ 3

☒ 2

☐ 1

☐ 4

correct

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

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

Answer (Please select your correct option)

DS:SI

☐

DS:DI

☐

ES:SI

☐

ES:DI

☒

correct

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

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)

☐ 00000011

☐ 00000010

correct

☐ 10000011

☐ 10000010

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP& CALL-03087122922

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

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

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL-hadirajputofficial@gmail.com
WHATSAPP& CALL-03087122922

MADE BY HADI

Email-hadirajputofficial@gmail.com Whatsapp:03087122922(Team Hadi Lahore)

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

correct

☐ American Scientific Code for International Interchange

☐ American Standard Code for Intelligence Interchange

☐ American Scientific Code for Information Interchange

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP& CALL-03087122922

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

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

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP & CALL: 03087122922

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

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

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

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

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP& CALL-03087122922

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

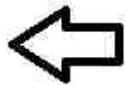
Question No : 16 of 26

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

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP& CALL: 03087122922

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

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

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP& CALL: 03087122922

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

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

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 0308 7122922 (Team Hadi Lahore)

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

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

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?

Answer (Please select your correct option)

☐ ES:DI



correct

☐ ES:BP

☐ DS:BP

☐ DS:SI

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP& CALL: 03087122922

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

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 HADI

Email: hadirajputofficial@gmail.com Whatsapp: 0308 7122 922 (Team Hadi Lahore)

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](#))



BOOK

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 0308 7122 922 (Team Hadi Lahore)

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](#))



BOOK

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

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](#))



MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 0308 7122 922 (Team Hadi Lahore)

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](#))



MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 0308 7122922 (Team Hadi Lahore)

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 HADI

Email: hadirajputofficial@gmail.com Whatsapp: 0308 7122 922 (Team Hadi Lahore)

HADI VU PAST PAPER

WE DEAL ALL KIND OF VU PROJECT
(PHP, ANDROID, PYTHON)

DEAR STUDENTS

ARE YOU LOOKING
FOR ASSISTANCE

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

We Provide, You Solution
of VU Academic Activities
include Assignments,
Quizzes, GDBs, Grand Quizzes
If You Need Help in Services
Kindly inform us.

TEAM HADI
(VU LAHORE)



TEAM HADI
(VU LAHORE)



HADI TECH

#PAID_TASK

CONTACT US

CALL & WHATSAPP

0308-7122922