

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

(Final Term Past Paper)



MADE AND SOLVED BY TEAM 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 / 03348017172



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

Best of luck!

مہربانی کر کے میری امی جان کے لیے دعا کر دینا اُن کی ۲۰۲۱ میں وافات ہوگی تھی، شکریہ (ہادی)

Question # 5 of 15 (Start time: 10:47:59 PM, 31 January 2023)

Total Marks:

----- Yellow signal controlling the traffic on the East-West section.

Select the correct option

- | | |
|----------------------------------|-------|
| <input type="radio"/> | NSYel |
| <input type="radio"/> | NSGrn |
| <input type="radio"/> | EWRed |
| <input checked="" type="radio"/> | EWYel |

HADI
A PROJECT OF TEAM HADI VU
ph: 0308-7122922

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 5 of 15 (Start time: 06:51:20 PM, 31 January 2023)

Total Marks: 1

In Declaration section of ABEL, Device declaration is used to specify the _____ device that is to be programmed.

Select the correct option

- EPROM
- PLA
- PAL
- PLD



Question # 3 of 15 (Start time: 06:50:11 PM, 31 January 2023)

Total Marks: 1

Which mechanism allocate the binary values to the states in order to reduce the cost of the combinational circuits?

Select the correct option

- State Minimization
- State Assignment
- State Reduction
- State Evaluation

HADI
A PROJECT OF TEAM HADI VU
ph: 0308-7122922

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 7 of 15 (Start time: 10:49:10 PM, 31 January 2023)

Total Marks: 1

If $S=1$ and $R=0$, then for positive edge triggered flip-flop
 $Q(t+1) = \text{-----}$

Select the correct option

- | | |
|----------------------------------|------------------|
| <input type="radio"/> | Invalid |
| <input type="radio"/> | Input is invalid |
| <input type="radio"/> | 1 |
| <input checked="" type="radio"/> | 0 |

HADI
A PROJECT OF TEAM HADI VU
ph: 0308-7122922

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 9 of 15 (Start time: 10:50:02 PM, 31 January 2023)

Total Marks: 1

If a circuit suffers "Clock Skew " problem, the output of circuit can't be guaranteed.

Select the correct option

False

True

HADI
A PROJECT OF TEAM HADI VU
ph: 0308-7122922

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 11 of 15 (Start time: 06:56:05 PM, 31 January 2023)

Total Marks: 1

A mono-stable device only has a single stable state

Select the correct option

True



False



HADI
A PROJECT OF TEAM HADI VU
ph: 0308-7122922

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 8 of 15 (Start time: 06:53:21 PM, 31 January 2023)

Total Marks: 1

In Combinational Output with feedback to AND array, the active-state of the output is determined by the _____ input.

Select the correct option

<input type="radio"/>	OR
<input type="radio"/>	AND
<input checked="" type="radio"/>	XOR
<input type="radio"/>	NOT

HADI
A PROJECT OF TEAM HADI VU
ph: 0308-7122922

MADE BY HADI

Email: hadirajputofficial@gmail.com WhatsApp: 03087122922 (Bitout Software House)

Question # 9 of 15 (Start time: 06:54:11 PM, 31 January 2023)

Total Marks: 1

A _____ output can change from one state to the other by applying appropriate inputs.

Select the correct option

<input type="radio"/>	system
<input type="radio"/>	counter
<input checked="" type="radio"/>	latch
<input type="radio"/>	flip flop

HADI
A PROJECT OF TEAM HADI VU
ph: 0308-7122922

MADE BY HADI
Email: hadirajputofficial@gmail.com WhatsApp: 03087122922 (Bitout Software House)

Question # 6 of 15 (Start time: 10:48:41 PM, 31 January 2023)

Total Marks: 1

The characteristic equation of D-flip-flop implies that _____.

Select the correct option

- | | |
|----------------------------------|--|
| <input type="radio"/> | The next state is independent of inputs |
| <input checked="" type="radio"/> | The next state is independent of present state |
| <input type="radio"/> | The next state is dependent on previous state |
| <input type="radio"/> | The next state is dependent on present state |
- 

Question # 8 of 15 (Start time: 10:49:35 PM, 31 January 2023)

Total Marks: 1

A NOR based S-R latch is implemented using _____ gates instead of _____ gates.

Select the correct option

<input type="radio"/>	NOR,XOR
<input checked="" type="radio"/>	NOR,NAND
<input type="radio"/>	OR,XOR
<input type="radio"/>	XOR,NAND

HADI
A PROJECT OF TEAM HADI VU
ph: 0308-7122922

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 12 of 15 (Start time: 06:56:49 PM, 31 January 2023)

Total Marks: 1

The Synchronous counters are also known as Ripple Counters:

Select the correct option

True

False

HADI
A PROJECT OF TEAM HADI VU
ph: 0308-7122922

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 1 of 15 (Start time: 10:46:28 PM, 31 January 2023)

Total Marks: 1

Three cascaded modulus-10 counters have an overall modulus of

Select the correct option

<input type="radio"/>	100
<input checked="" type="radio"/>	1000
<input type="radio"/>	30
<input type="radio"/>	10000

HADI
A PROJECT OF TEAM HADI VU
ph: 0308-7122922

MADE BY HADIEmail: hadirajputofficial@gmail.com WhatsApp: 03087122922 (Bitout Software House)

Question # 15 of 15 (Start time: 06:59:49 PM, 31 January 2023)

Total Marks: 1

----- Counters as the name indicates are not triggered simultaneously

Select the correct option

<input type="radio"/>	Negative-Edge triggered
<input type="radio"/>	Synchronous
<input type="radio"/>	Positive-Edge triggered
<input checked="" type="radio"/>	Asynchronous



MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 2 of 15 (Start time: 10:46:51 PM, 31 January 2023)

Total Marks: 1

For a gated D-Latch if EN=1 and D=1 then $Q(t+1) =$ -----

Select the correct option

<input type="radio"/>	Invalid
<input type="radio"/>	$Q(t)$
<input checked="" type="radio"/>	1
<input type="radio"/>	0

HADI
A PROJECT OF TEAM HADI VU
ph: 0308-7122922

MADE BY HADI

Email: hadirajputofficial@gmail.com WhatsApp: 03087122922 (Bitout Software House)

Question # 2 of 15 (Start time: 06:49:18 PM, 31 January 2023)

Total Marks: 1

The terminal count of a 4-bit binary counter in the UP mode is _____

Select the correct option

<input type="radio"/>	1100
<input type="radio"/>	0011
<input checked="" type="radio"/>	1111
<input type="radio"/>	0000

HADI
A PROJECT OF TEAM HADI VU
ph: 0308-7122922

MADE BY HADIEmail: hadirajputofficial@gmail.com WhatsApp: 03087122922 (Bitout Software House)

Question # 1 of 15 (Start time: 06:47:07 PM, 31 January 2023)

Total Marks: 1

On a positive edge-triggered S-R flip-flop, the outputs reflect the input condition when -----

Select the correct option

- The clock pulse transition from HIGH to LOW
- The clock pulse is LOW
- The clock pulse is HIGH
- The clock pulse transition from LOW to HIGH

HADI
A PROJECT OF TEAM HADI VU
ph: 0308-7122922

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 6 of 15 (Start time: 06:52:06 PM, 31 January 2023)

Total Marks: 1

In elevator circuit, the floor display circuit is a combinational circuit which uses the _____ and _____ inputs two determine the floor number and the direction of the display arrow.

Select the correct option

<input type="radio"/>	OPEN, DIR
<input type="radio"/>	CONSTATE, FB
<input type="radio"/>	MOTION, FB
<input checked="" type="radio"/>	MOTION, DIR

HADI
A PROJECT OF TEAM HADI VU
ph: 0308-7122922

MADE BY HADI

Email: hadirajputofficial@gmail.com WhatsApp: 03087122922 (Bitout Software House)

Question # 14 of 15 (Start time: 10:51:17 PM, 31 January 2023)

Total Marks: 1

The Test Vector definition defines the test vectors for all the three counter inputs and _____ counter output/outputs.

Select the correct option

 One Four Three Two

HADI
A PROJECT OF TEAM HADI VU
ph: 0308-7122922

MADE BY HADIEmail: hadirajputofficial@gmail.com WhatsApp: 03087122922 (Bitout Software House)

Question # 3 of 15 (Start time: 10:47:19 PM, 31 January 2023)

Total Marks: 1

For a down counter that counts from (111 to 000), if current state is "101" the next state will be _____

Select the correct option

- | | |
|----------------------------------|-----------------------|
| <input type="radio"/> | none of given options |
| <input type="radio"/> | 010 |
| <input checked="" type="radio"/> | 110 |
| <input type="radio"/> | 111 |

HADI
A PROJECT OF TEAM HADI VU
ph: 0308-7122922

MADE BY HADIEmail: hadirajputofficial@gmail.com WhatsApp: 03087122922 (Bitout Software House)

Question # 14 of 15 (Start time: 06:59:05 PM, 31 January 2023)

Total Marks: 1

Once the state diagram is drawn for any sequential circuit the next step is to draw

Select the correct option

- Next-state table
- Transition table
- Karnaugh map
- Logic expression



MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 7 of 15 (Start time: 06:52:43 PM, 31 January 2023)

Total Marks: 1

The OLMC can be configured to provide a feedback input signal to the AND gate array input. There are _____ possibilities.

Select the correct option

<input checked="" type="radio"/>	three
<input type="radio"/>	four
<input type="radio"/>	two
<input type="radio"/>	five

HADI
A PROJECT OF TEAM HADI VU
ph: 0308-7122922

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question # 13 of 15 (Start time: 06:58:09 PM, 31 January 2023)

Total Marks: 1

RCO stands for _____

Select the correct option

Ripple Clock Output

Reconfiguration Counter Output

Ripple Counter Output

Reconfiguration Clock Output

HADI
A PROJECT OF TEAM HADI VU
ph: 0308-7122922

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

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
BITOUT SOFTWARE HOUSE



TEAM HADI
(VU LAHORE)



#PAID_TASK

CONTACT US

CALL & WHATSAPP

0308-7122922