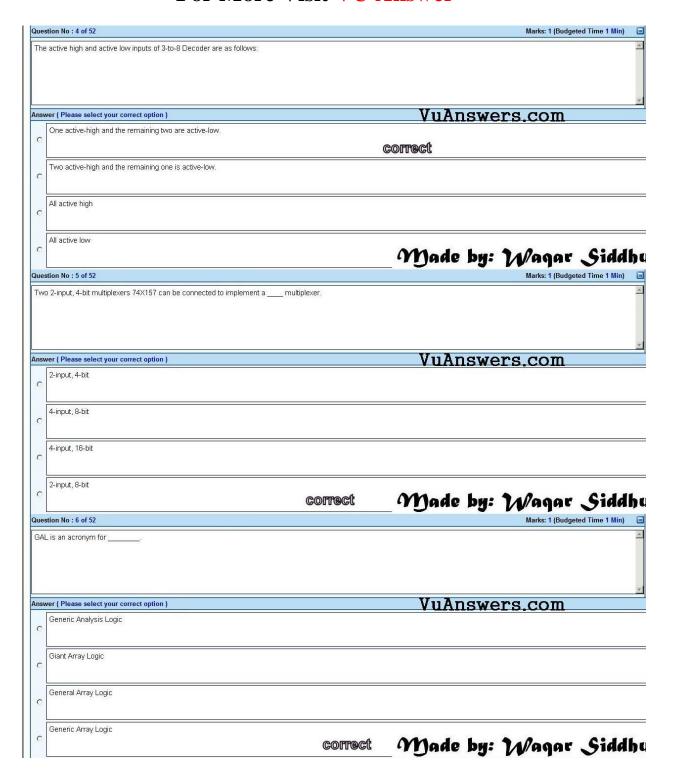
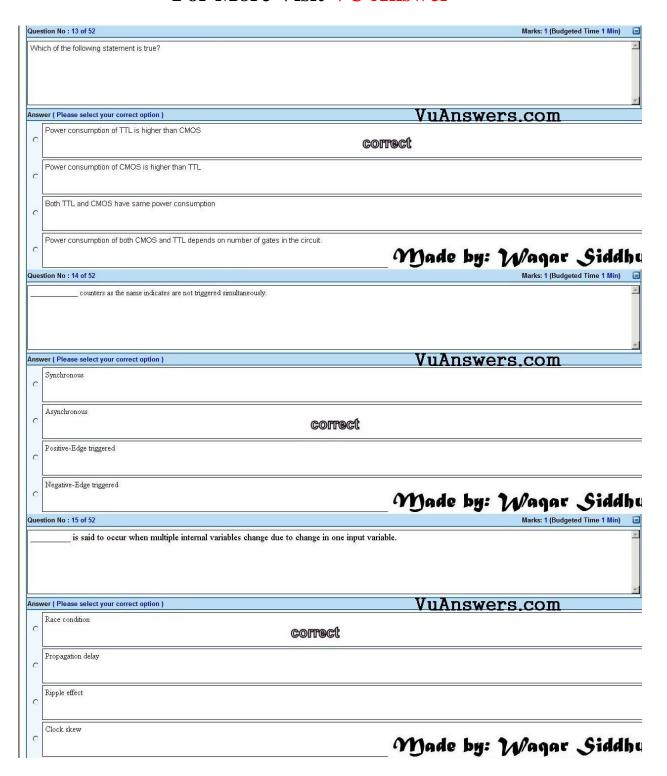
# **CS302** Final Term Papers By Waqar (File 3)

Question No : 1 of 52			Marks: 1 (Budge	eted Time 1 Min)
Excess-8 code assignsto "-8"				<u> </u>
(Disconsistance and article)		Vulnaria		
Inswer ( Please select your correct option )		VuAnswe	ers.com	
c 1110				
c 1100				
1000				
C 0000	correct	Made by:	Wagar	Siddh
Question No : 2 of 52			Marks: 1 (Budge	eted Time 1 Min)
The Extended ASCII Code (American Standard Code for Information Interchange	e) represents u	nique codes		A
unswer ( Please select your correct option )		VuAnswe	ers.com	
256				
correct				
C 255				
C 128				
c 127		Made by:	14/2001	C:44b
Question No : 3 of 52		_ ·/ Dune pg.		eted Time 1 Min)
The 3-variable Karnaugh Map (K-Map) has cells for min or max terms			marks. 1 (Duage	A A
Answer ( Please select your correct option )		VuAnswe	ra dom	
4		VULLENG	TIO.COIII	
8				
C 12				
16			W	LIGHT ON THE STATE OF THE STATE
COL	rrect	Made by:	Wagar	Siddh



Ques	stion No : 7 of 52 Marks: 1 (Budgeted Time 1 Min)
74E	IC163 has two enable input pins which are and
Ansv	ver ( Please select your correct option ) VuAnswers.com
c	enp, ent <b>corpect</b>
С	ENI, ENC
c	ENP, ENC
c	ent, eni <b>Made by: Magar Siddh</b> u
Ques	stion No : 8 of 52 Marks: 1 (Budgeted Time 1 Min)
A.(E	3 + C) = A.B + A.C is an expression of
Ansv	ver ( Please select your correct option ) VuAnswers.com
c	Demorgan's Law
С	Commutative Law
c	Distributive Law COTTOCI
c	Associative Law  Made by: Wagar Siddhu
	stion No : 9 of 52 Marks: 1 (Budgeted Time 1 Min)
An	8-bit serial in / parallel out shift register contains the value "8", clock signal(s) will be required to shift the value completely out of the register.
Ansv	ver ( Please select your correct option ) VuAnswers.com
c	Correct
0	2
c	4
c	Made by: Wagar Siddhu

Question No: 10 of 52	Marks: 1 (Budgeted Time 1 Min)
2's complement of -5 is	Δ
Answer ( Please select your correct option )	VuAnswers.com
1000	, <u> </u>
C	
c 1011	correct
c 1100	
c 1110	Made by: Waqar Siddhu
Question No : 11 of 52	Marks: 1 (Budgeted Time 1 Min)
The device shown here is most likely a D0 D1 D2 D3 Y	<u>.</u>
80 —	<u> </u>
Answer ( Please select your correct option )	VuAnswers.com
Comparator	
C Multiplexer	correct
Demultiplexer	
Parity generator	Made by: Waqar Siddhu
Question No : 12 of 52	Marks: 1 (Budgeted Time 1 Min)
What will be output state when $J=1,K=0$ and CLR input is active?	<u>*</u>
Answer ( Please select your correct option )	VuAnswers.com
Q=1	correct
Q=0	
Retains previous output state	
Toggle output	Made by: Waqar Siddhu

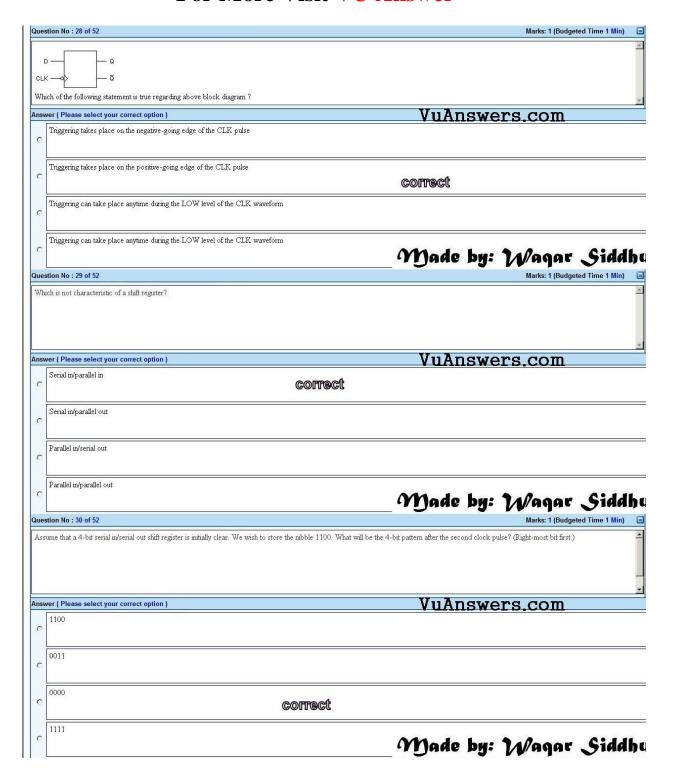


Question No : 16 of 52	Marks: 1 (Budgeted Time 1 Min)
A 5-bit counter has a maximum modulus.	E
Answer ( Please select your correct option )	VuAnswers.com
10	V UAIISWELS,COM
C 16	
C 25	
correct	Made by: Wagar Siddho
Question No : 17 of 52	Marks: 1 (Budgeted Time 1 Min)
The Sequential circuit whose output depends on the current state and the input is known as	
Answer ( Please select your correct option )	VuAnswers.com
Moore Machine	
Mealy Machine	
C Counter	
C Flip Flop	Made by: Waqar Siddho
Question No : 18 of 52	Marks: 1 (Budgeted Time 1 Min)
In, the $\overline{Q}$ output of the last flip-flop of the shift register is connected to the data input of the first flip-flop.	
Answer ( Please select your correct option )	VuAnswers.com
Moore machine	Turror B.Com
Mealy machine	
Johnson counter	
Ring counter COTTOCT	Made by: Waqar Siddhi

Question No : 19 of 52	Marks: 1 (Budgeted Time 1 Min)
The power consumed by a flip-flop is defined by	<u>×</u>
Answer ( Please select your correct option )	VuAnswers.com
$C = I_{oo} \times R_{oo}$	
$rac{P = V_{ee} \times R_{ee}}{rac{V_{ee} \times R_{ee}}}$	
P = Voo × Ioc.	
$P = M_{eo} \times V_{eo}$	
°	Made by: Wagar Siddh
Question No: 20 of 52  The minimum time required for the input logic levels to remain stable before the clock transition occurs is known as	Marks: 1 (Budgeted Time 1 Min)
Answer ( Please select your correct option )	VuAnswers.com
C Pulse Stability time (PST)	
C Set-up time CONTECT	
C Hold time	
Pulse Interval time	Made by: Wagar Siddh
Question No : 21 of 52	Marks: 1 (Budgeted Time 1 Min)
RCO Stands for	
Answer ( Please select your correct option )	VuAnswers.com
C Reconfiguration Counter Output	* drillswelb,com
Reconfiguration Clock Output	
Ripple Counter Output	
Ripple Clock Output  CONTROCT	Made by: Wagar Siddh

Questi	on No : 22 of 52			Marks: 1 (Budge	ted Time 1 Min)
	ave a digital circuit. Different parts of circuit operate at different clock frequencies (4MHZ, 2MHZ and 1MHZ) y using	, but we have a single clock	source havii	g a fix clock frequency (4	MHZ), we can get 🔼
					¥
Г	r ( Please select your correct option )	VuAn	swe	rs.com	
С	-Flop-Flop				
c	E-R Flop-Flop				
c	D-Flop-Flop				
c	-K Flop-Flop	Made	by:	Wagar	Siddhu
Questi	on No : 23 of 52	3.00		Marks: 1 (Budge	
The S	equential circuit, whose output is determined by the current state only is known as				×
Answe	r ( Please select your correct option )	VuAn	swe	rs.com	
0	Moore Machine				
	correct				
c	Mealy Machine				
c	Counter				
0	Thip Flop		_		<b>4.</b>
		_ 'YYJade	py:	Wagar	Siddhu
	on No : 24 of 52			Marks: 1 (Budge	ted Time 1 Min)
State	Machine is a generic name given to				_
Answe	r ( Please select your correct option )	VuAn	CWA	rs.com	<u></u>
[;	Sequential circuits	YUAL	DWC	La.CUII	
C	correct				
c	Combinational circuits				
c	ip-flops				
c	Counters	Made	by:	Waqar	Siddhu

Que	stion No : 25 of 52	Marks: 1 (Budgeted Time 1 Min)
<u>u</u>	is used to minimize the possible no. of states of a circuit.	A
Ansv	wer ( Please select your correct option )	VuAnswers.com
С	State assignment COFFECT	
o	State reduction	
С	Next state table	
c	State diagram	Made by: Wagar Siddhu
Que	stion No : 26 of 52	Marks: 1 (Budgeted Time 1 Min)
	is used to simplify the circuit that determines the next state.	2
Ansv	wer ( Please select your correct option )	VuAnswers.com
0	State diagram	VUATISWELS,COIII
С	Next state table	
О	State reduction	
c	State assignment COFFEC	Made by: Wagar Siddhu
Que	stion No : 27 of 52	Marks: 1 (Budgeted Time 1 Min)
	+Vcc	
Ansv	wer ( Please select your correct option )	VuAnswers.com
С	1	
c	0	
О	A <b>correct</b>	
c	Ā	Made by: Wagar Siddhu



Question No : 31 of 52		Marks: 1 (Budgeted Time 1 Min)
A bidirectional 4-bit shift register is storing the nibble 1110, Its RIGHT/Ū storing	EFTimput is LOW. The nibble 0111 is w	aiting to be entered on the serial data-input line. After two clock pulses, the shift register is
		Y- 1
Answer ( Please select your correct option )		VuAnswers.com
c 1110		
С 0111		
C 1000		
C 1001	correct	Made by: Waqar Siddhi
Question No : 32 of 52		Marks: 1 (Budgeted Time 1 Min)
Smallest unit of binary data is a		
Answer ( Please select your correct option )		VuAnswers.com
C Bit	correct	
Nibble		
Byte		
Word		Made by: Waqar Siddhi
Question No : 33 of 52		Marks: 1 (Budgeted Time 1 Min)
The of a ROM is the time it takes for the data to appear at Output of the ROM chip after an address is applied at the address input		<u> </u>
Answer ( Please select your correct option )		VuAnswers.com
C Write Time		T MILLION OLD, COM
C Refresh Time		
Refresh Time		
Access Time	correct	Made by: Wagar Siddhu

Question No : 34 of 52	Marks: 1 (Budgeted Time 1 Min)
The high density FLASH memory cell is implemented using	
Answer ( Please select your correct option )	VuAnswers.com
1 floating-gate MOS transistor	correct
2 floating-gate MOS transistors	
4 floating-gate MOS transistors	
6 floating-gate MOS transistors	Made by: Waqar Siddhu
Question No : 35 of 52	Marks: 1 (Budgeted Time 1 Min)
The total amount of memory that is supported by any digital system depends upon	
Answer ( Please select your correct option )	VuAnswers.com
The size of the address bus of the microprocessor	correct
The organization of memory  The structure of memory	
The size of decoding unit	Made by: Waqar Siddhu
Question No : 36 of 52	Marks: 1 (Budgeted Time 1 Min)
The voltage gain of the Inverting Amplifier is given by the relation	×
Answer ( Please select your correct option )	VuAnswers.com
V <sub>out</sub> / V <sub>in</sub> = - R <sub>f</sub> / R <sub>i</sub>	Turio not otom
C	correct
$C V_{out}/R_f = -V_{in}/R_i$	
$C = \frac{R_{\ell}/V_{in} = -R_{i}/V_{out}}{C}$	
$C = \mathbb{R}_{\ell}/V_{m} = \mathbb{R}_{i}/V_{out}$	Made by: Waqar Siddhu

Que	tion No : 37 of 52		Marks: 1 (Budget	ed Time 1 Min)
The	process of converting the analogue signal into a digital representation (code) is known as			A
				¥
Ansv	rer ( Please select your correct option )	VuAnswe	rs.com	
С	Strobing			
o	Amplification			
С	Quantization COFFECT			
c	Digitization	Made by:	Wagar	Siddhu
Que	tion No : 38 of 52		Marks: 1 (Budget	
Afl	ash A/D converter uses :			×
Ansv	rer ( Please select your correct option )	VuAnswe	rs.com	_
0	Counters			
c	Flip-flops			
c	Op-amps COPPECT			
0	An integrator	Made by:	Wagar	Siddhu
Que	tion No : 39 of 52		Marks: 1 (Budget	ed Time 1 Min) 🔳
77	of a D/A converter is determined by comparing the actual output of a D/A converter with the expected output.			<u> </u>
Ansv	rer ( Please select your correct option )	VuAnswe	re com	<u> </u>
c	Resolution	Tumawe	LB.COM	
С	Accuracy COFFECT			
С	Quantization			
c	Missing Code	Made by:	Wagar	Siddhu

