

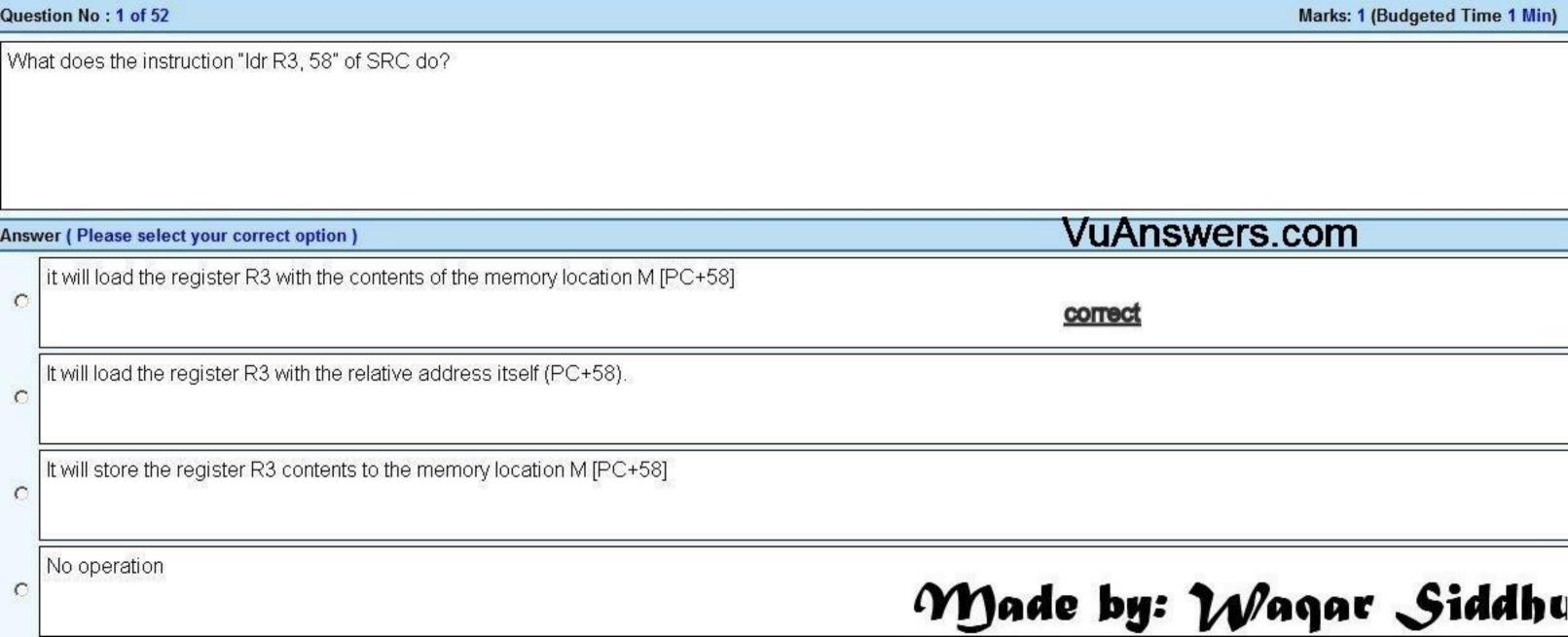
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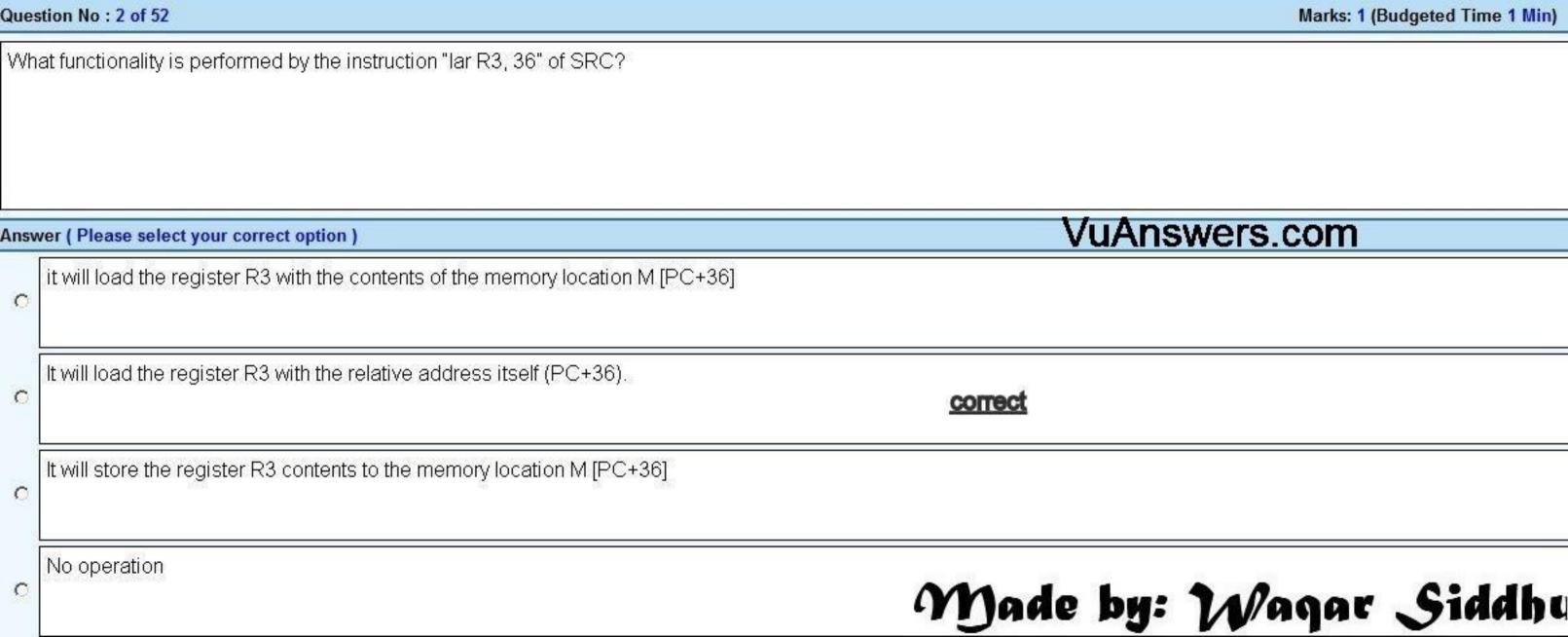
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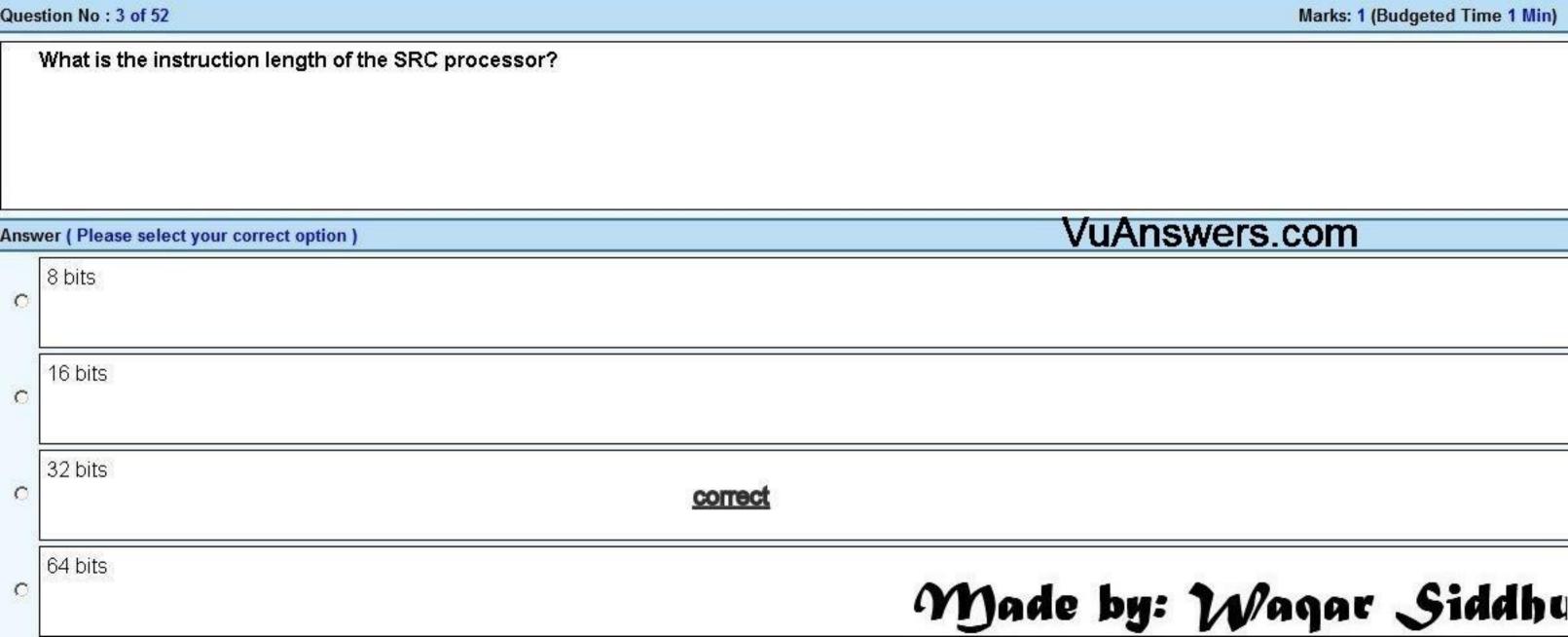
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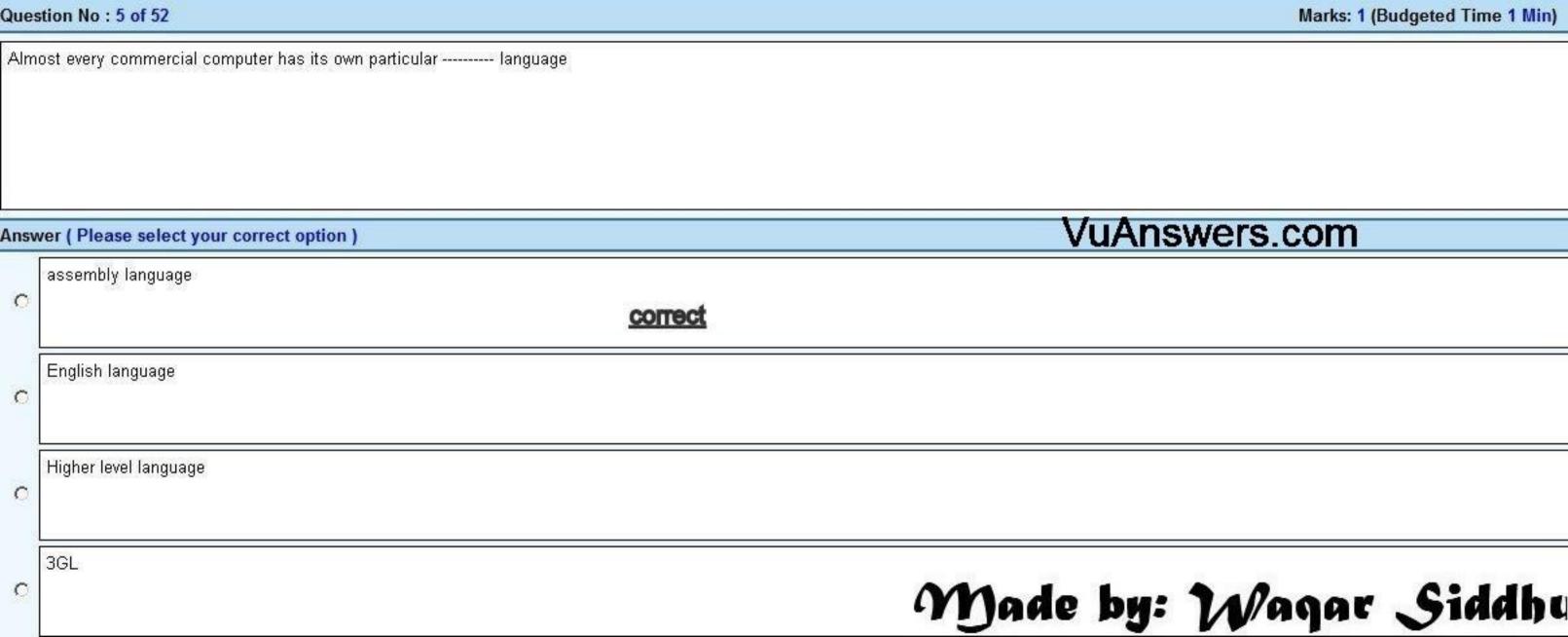
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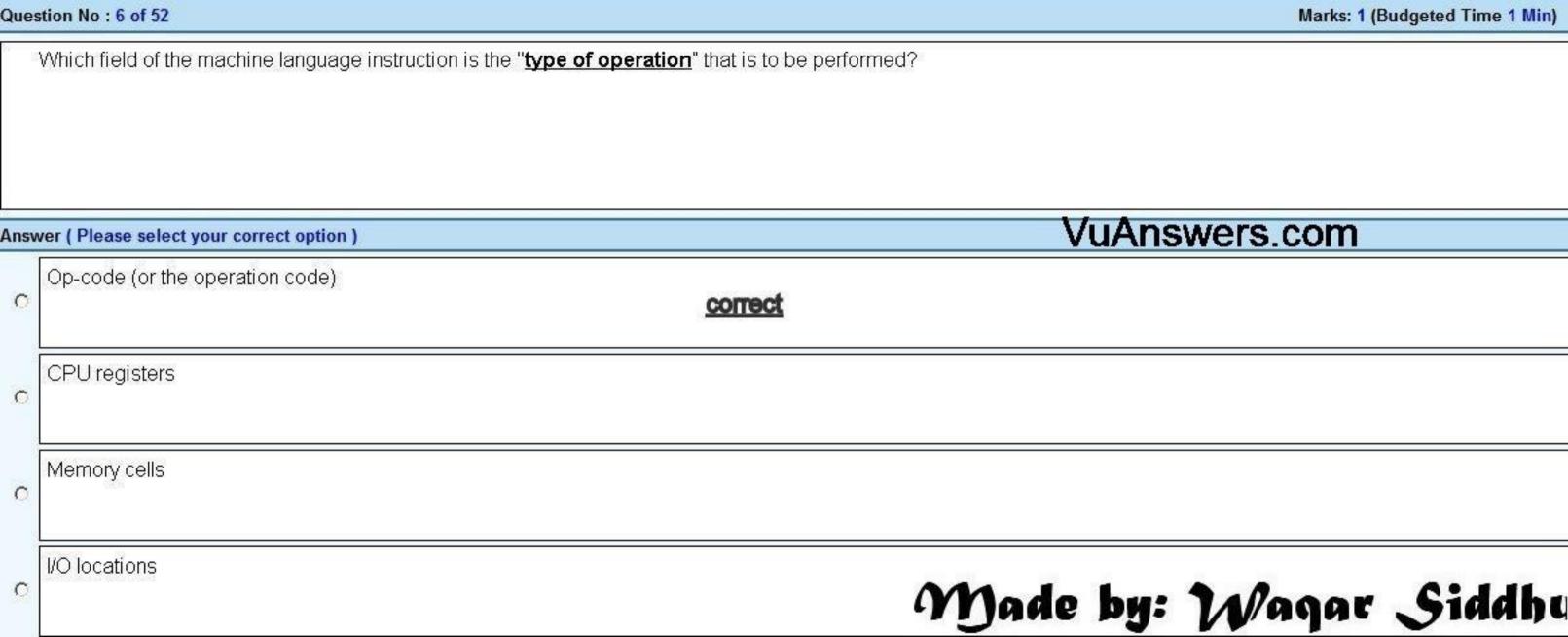


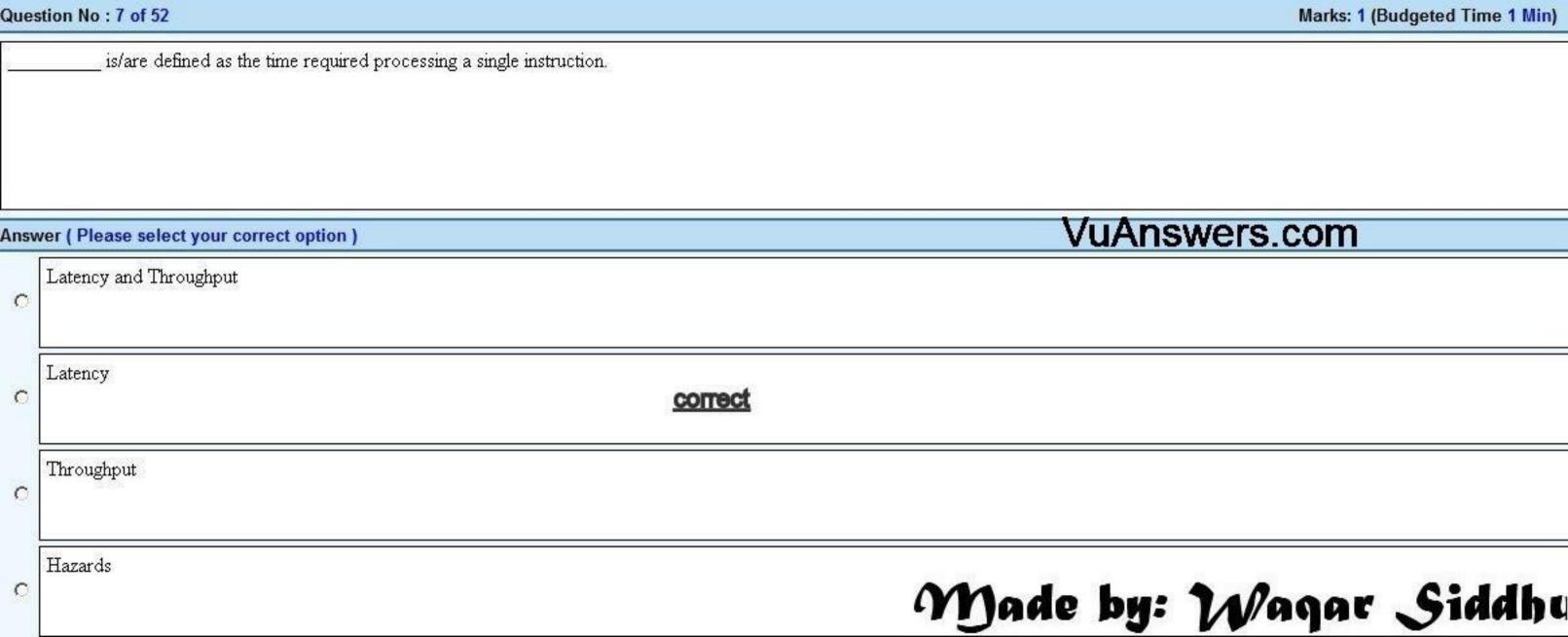


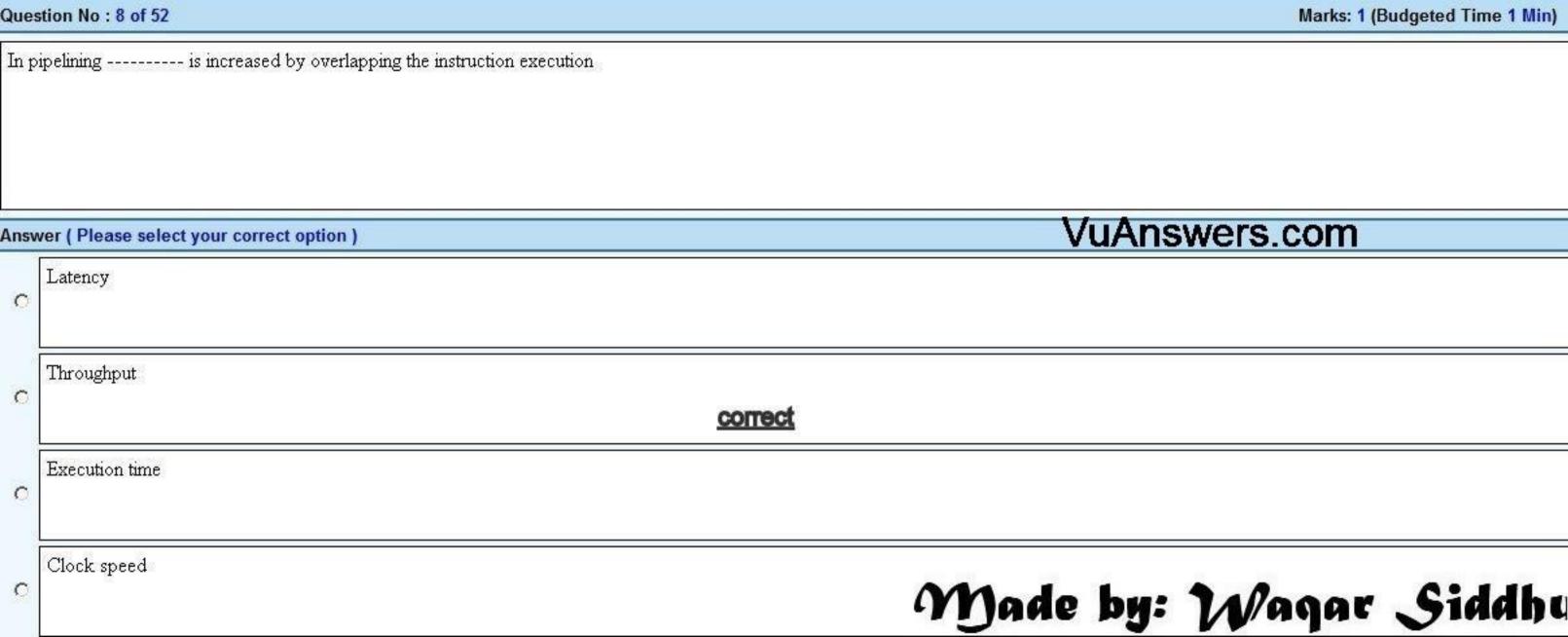


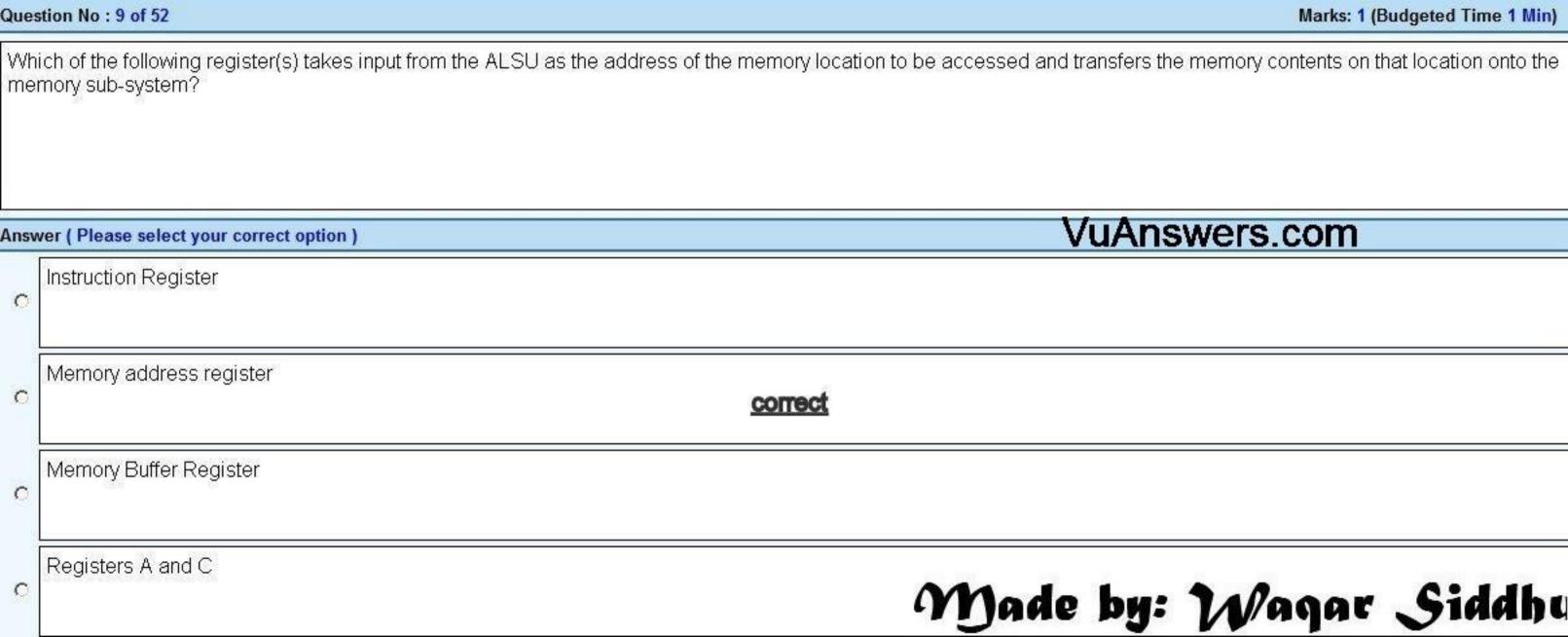


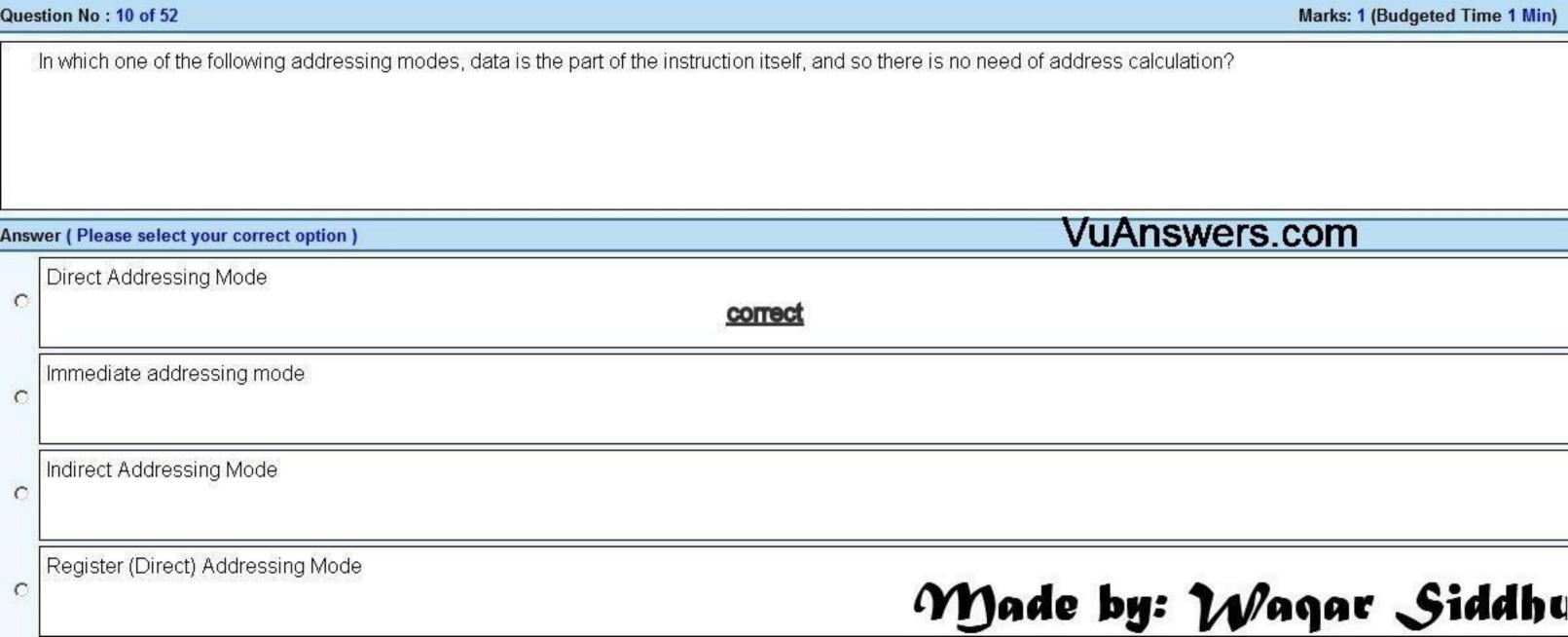






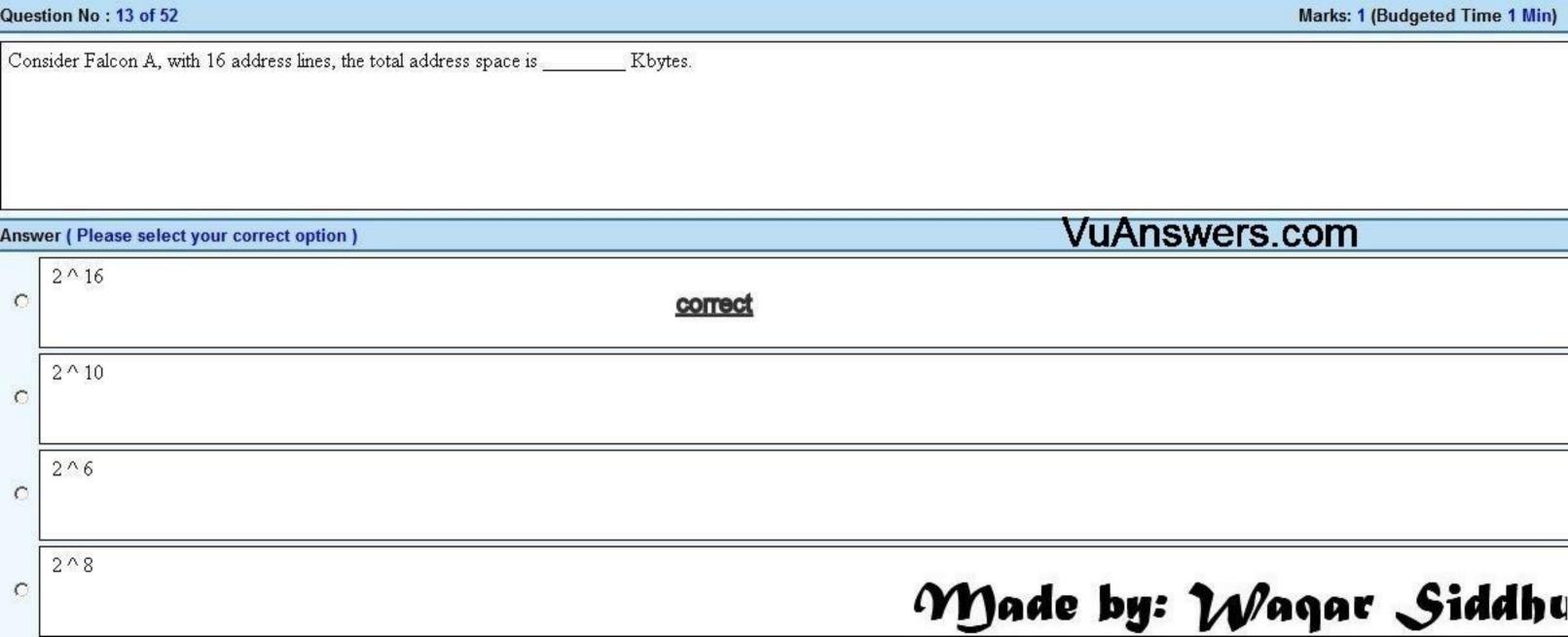


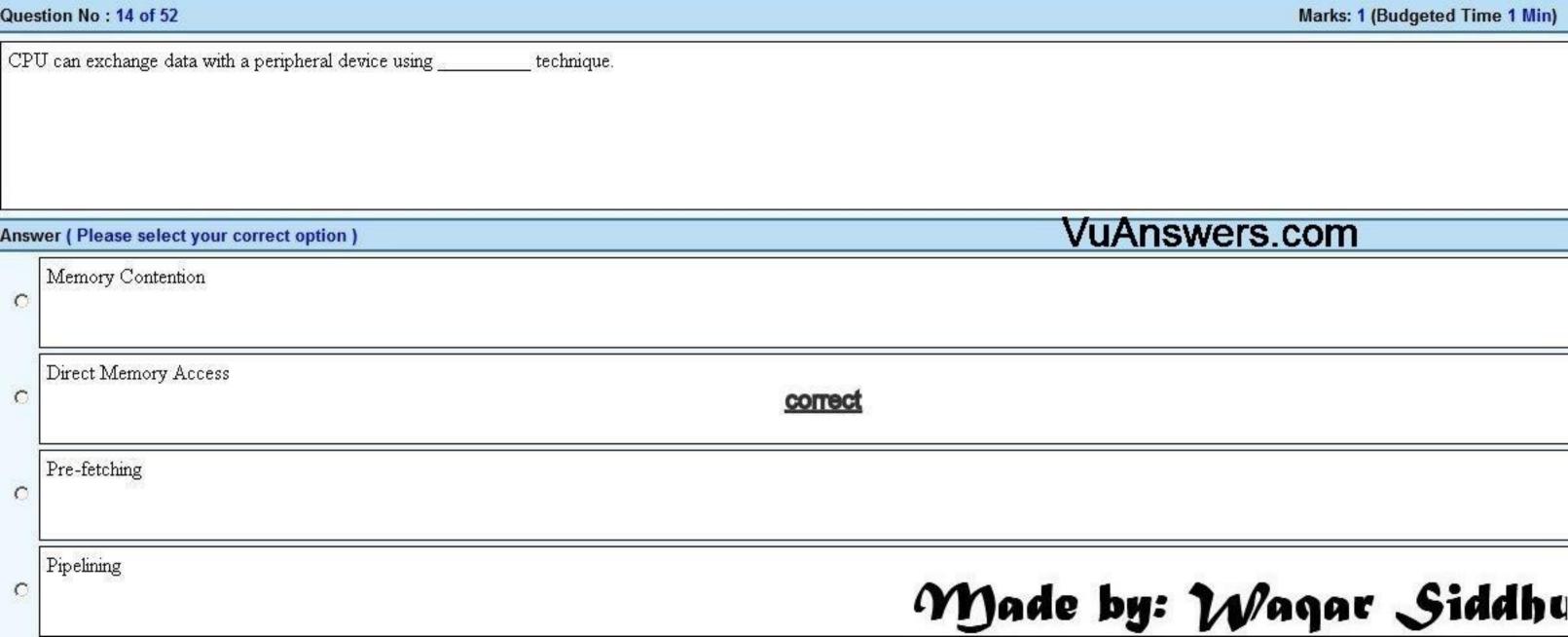


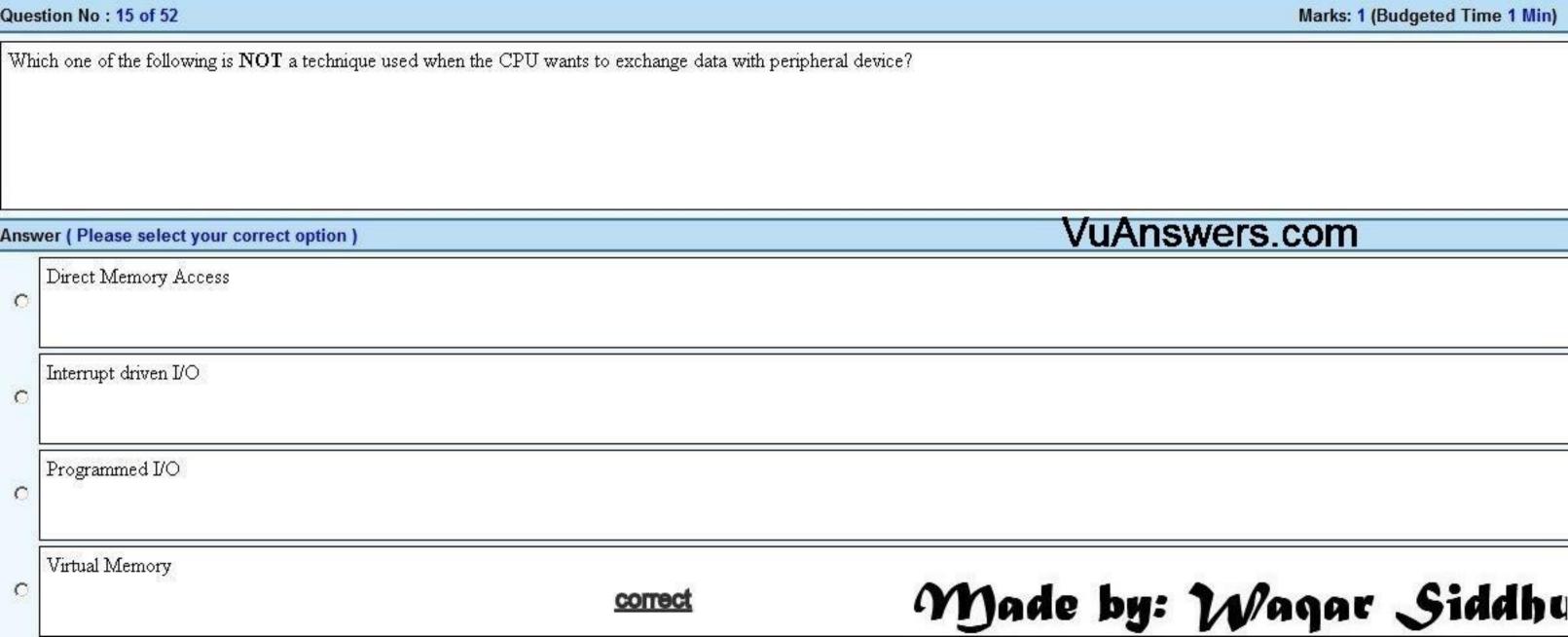


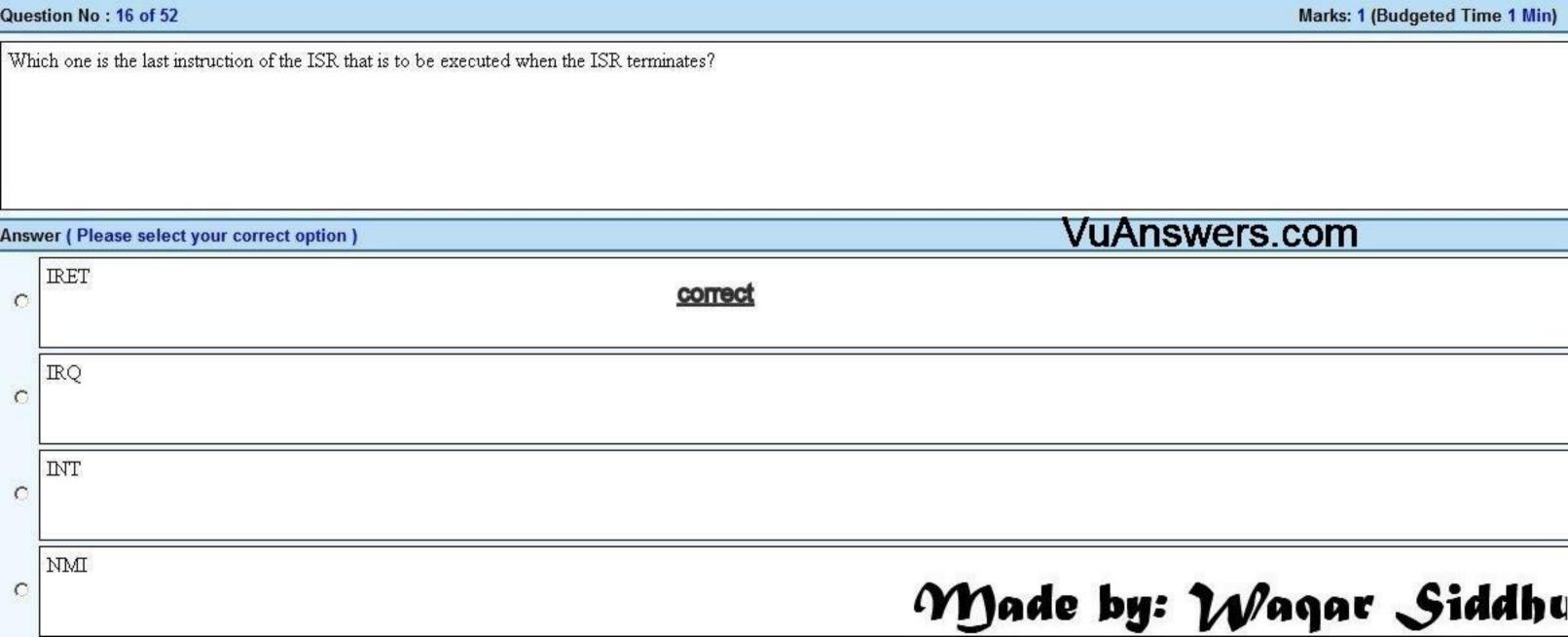


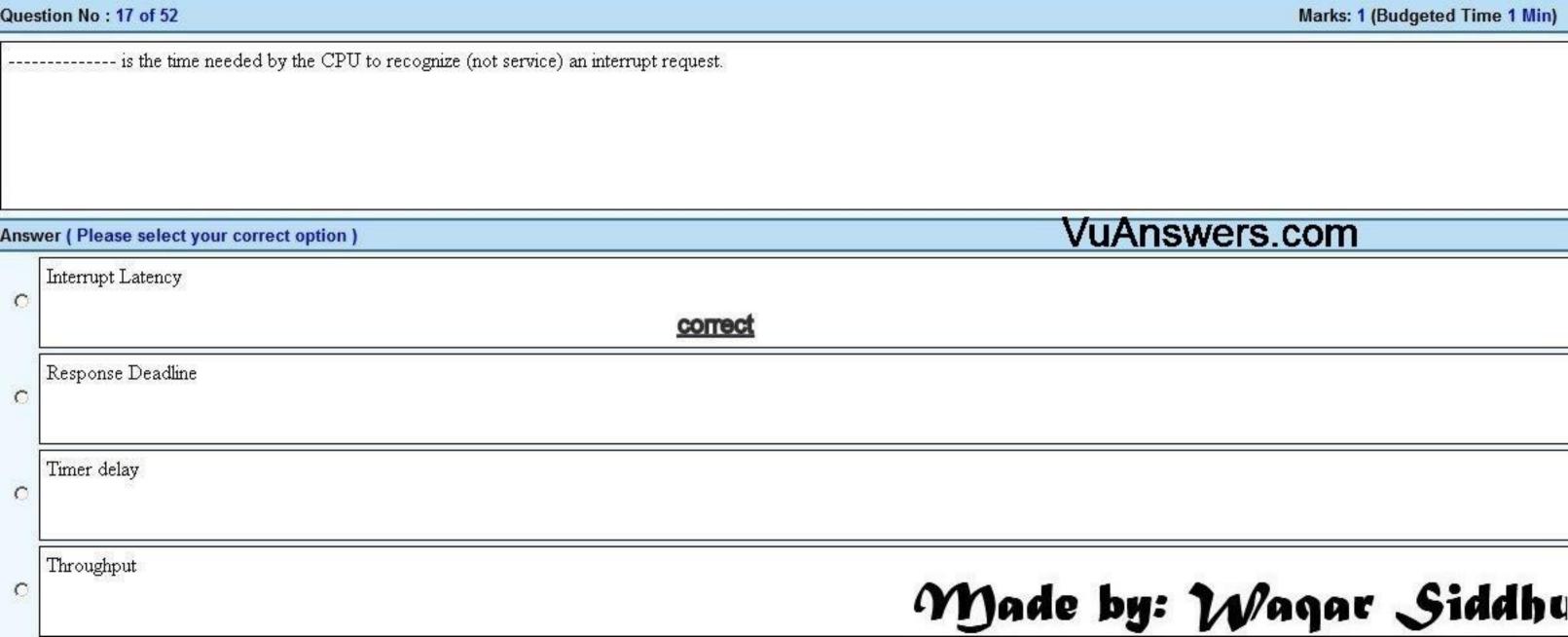




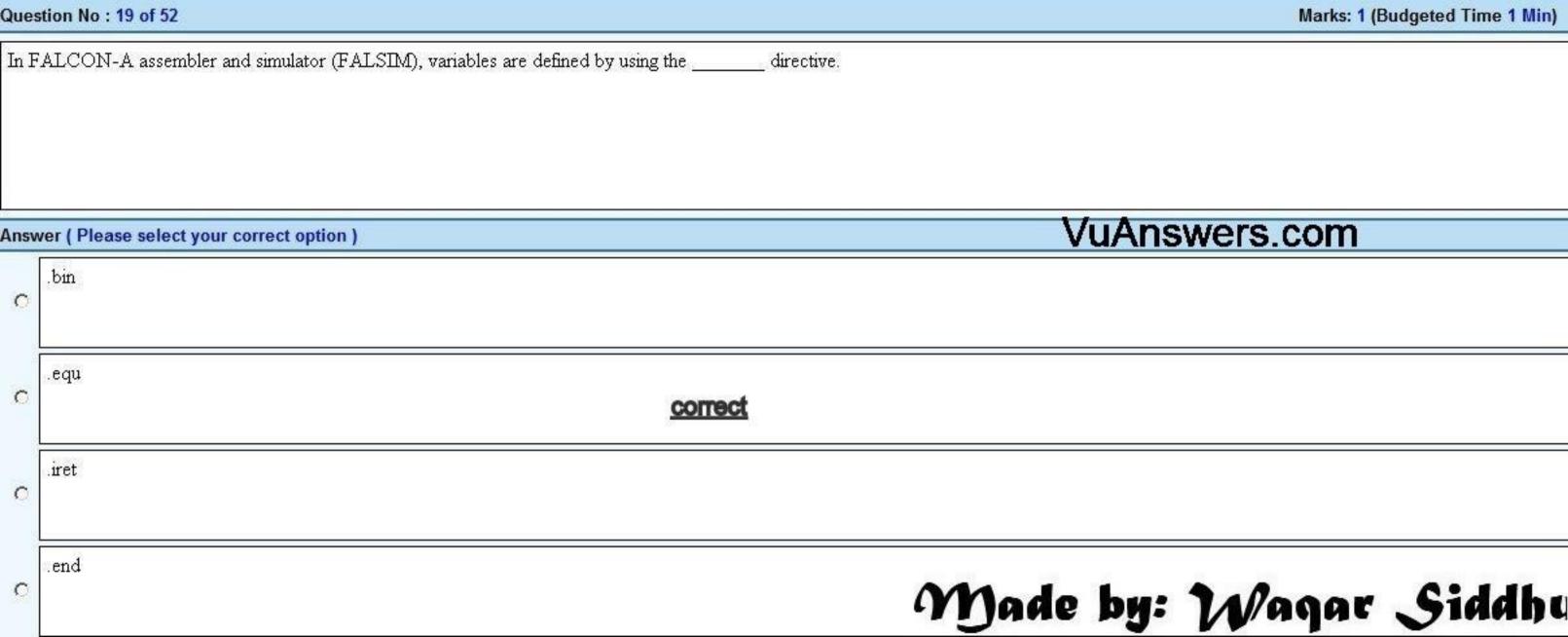




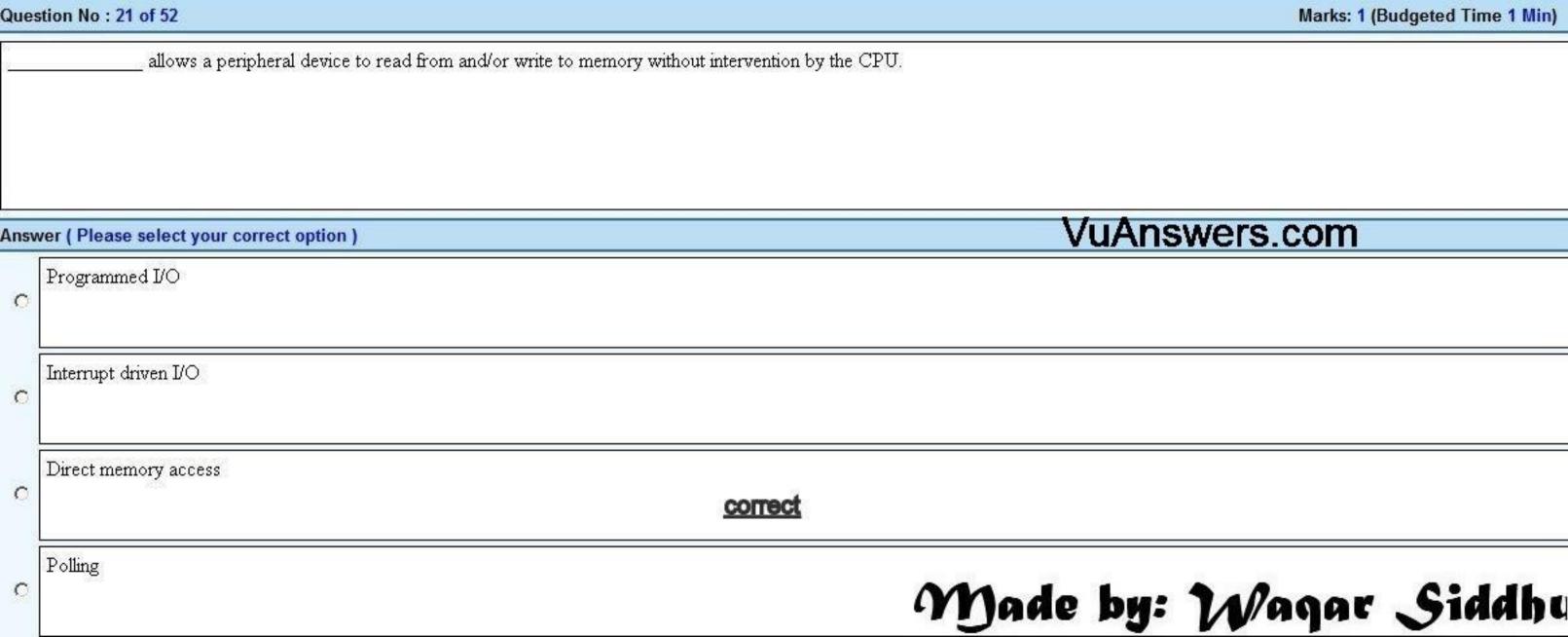


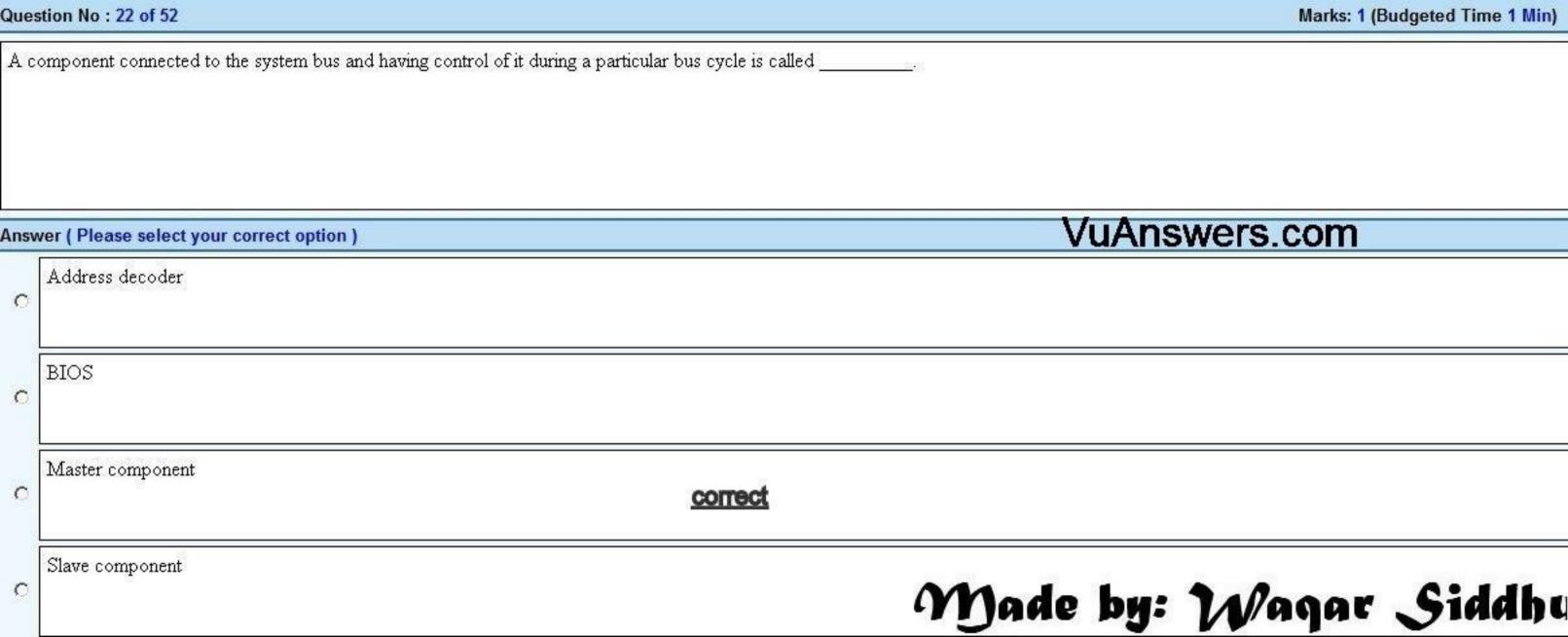


Que	stion No : 18 of 52	Marks: 1 (Budgeted Time 1 Mi	Ain)
In I	Multiple Interrupt Lines approach, a number of interrupt lines are provided between the	modules.	
Ansv	ver (Please select your correct option)	VuAnswers.com	
c	External and Internal		
О	CPU and I/O correct		
С	CPU and Memory		
С	Memory and I/O	Made by: Waqar Siddh) L



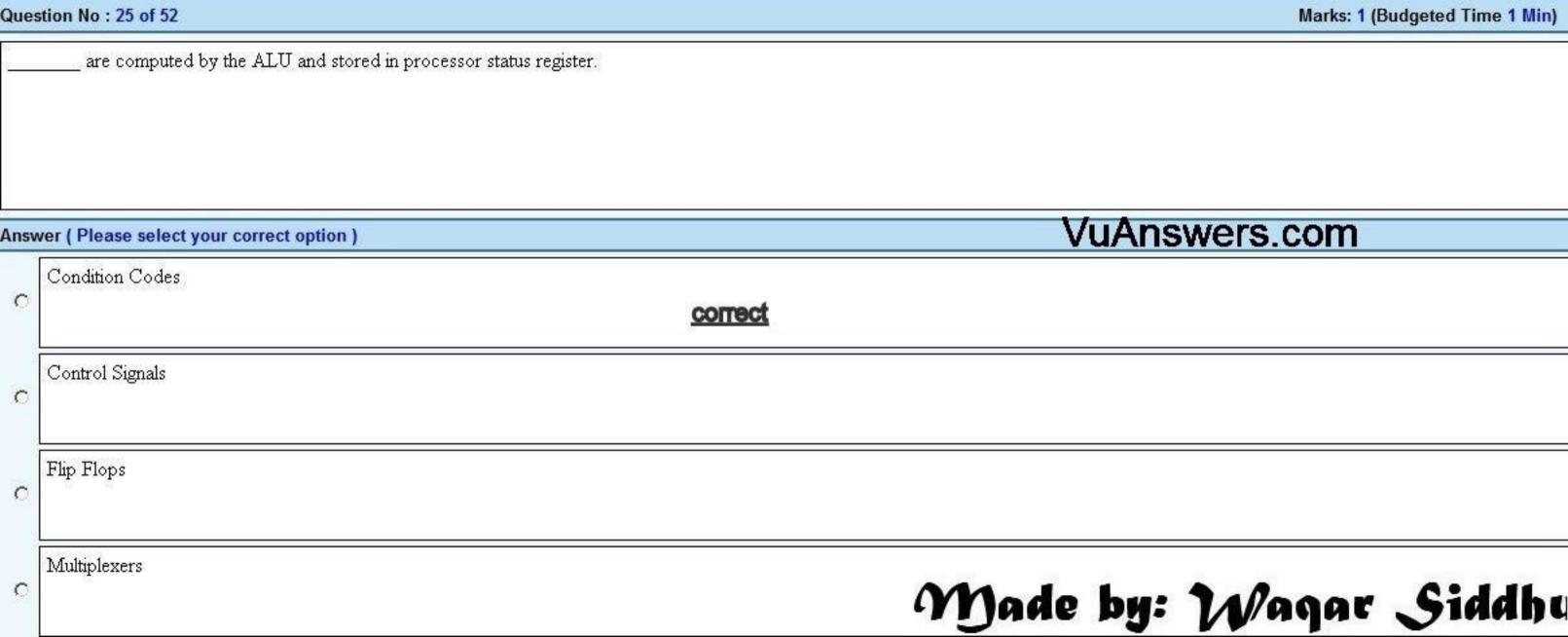
Que	stion No : 20 of 52	Marks: 1 (Budgeted Time 1 Min)
In I	Direct memory access (DMA), a is needed to control the total activity and to synchronize the transfer	of data.
9		
Ansv	ver (Please select your correct option)	VuAnswers.com
0	DMA memory unit	
0	DMA controller correct	
С	Control software	
С	Programmed I/O	Made by: Waqar Siddhu



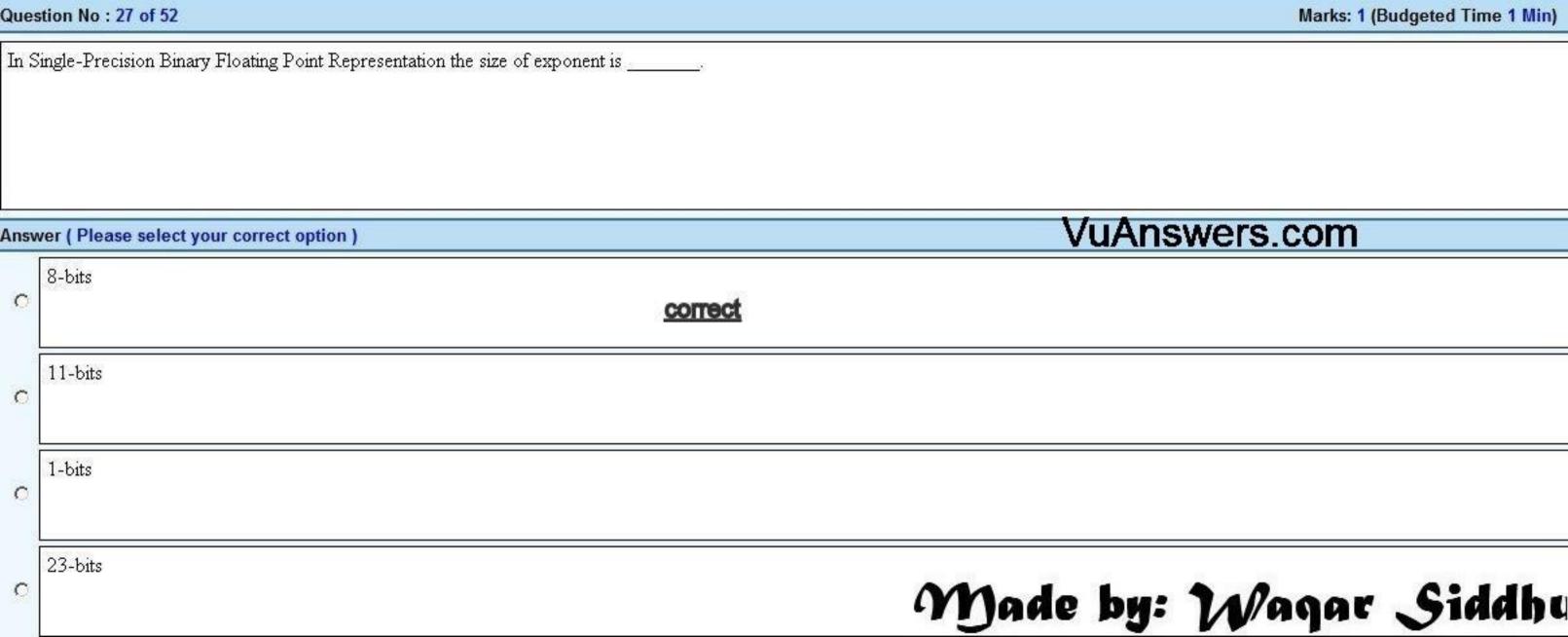


Que	stion No : 23 of 52		Marks: 1 (Budgeted Time 1 Min)
A Hard Disk sector has the parts.			
30.			
Ansı	wer (Please select your correct option)		VuAnswers.com
0	Header only		
c	Data section and a trailer		
C	Data section only		
С	Header, data section and a trailer	correct	Made by: Waqar Siddhu

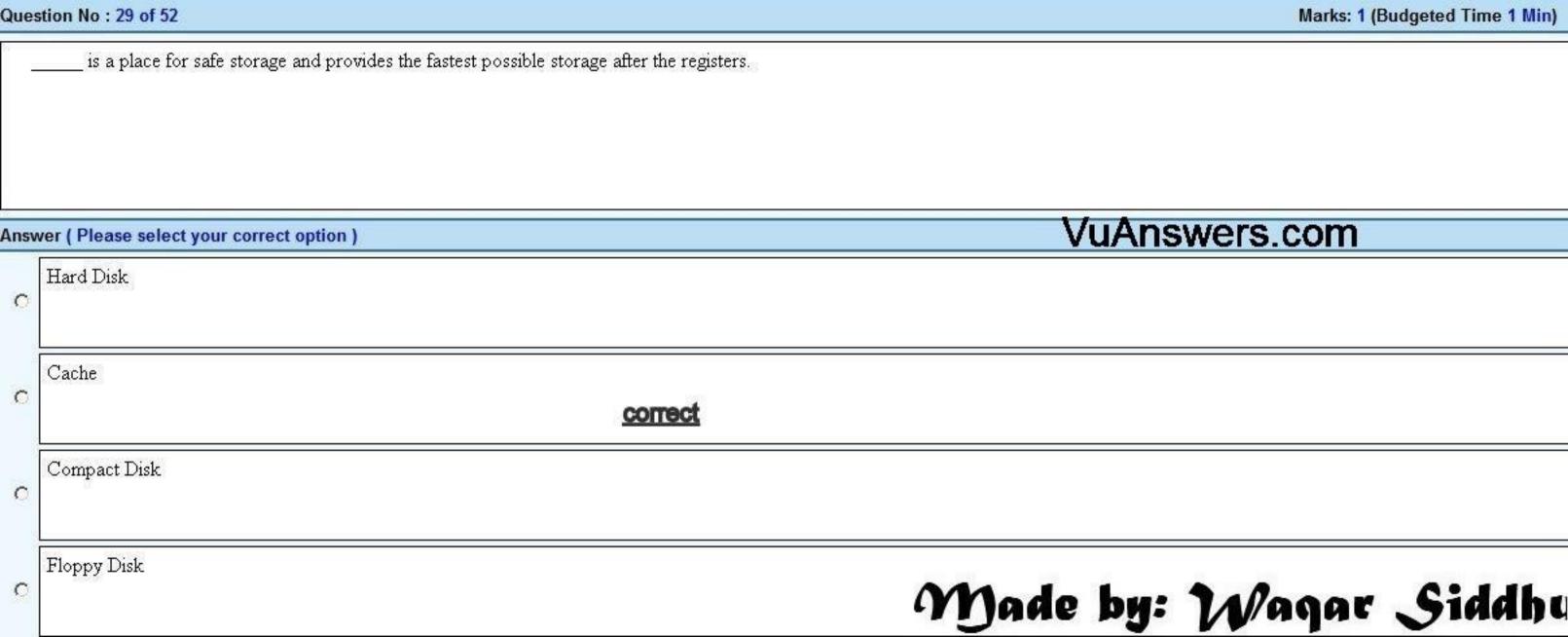
Ques	stion No : 24 of 52	Marks: 1 (Budgeted Time 1 Min)
CR	C hasoverhead as compared to Hamming code.	
9.		
Ansv	ver (Please select your correct option)	VuAnswers.com
c	Equal	
0	Greater	
С	Lesser <u>correct</u>	
С	Absolutely no	Made by: Wagar Siddhu





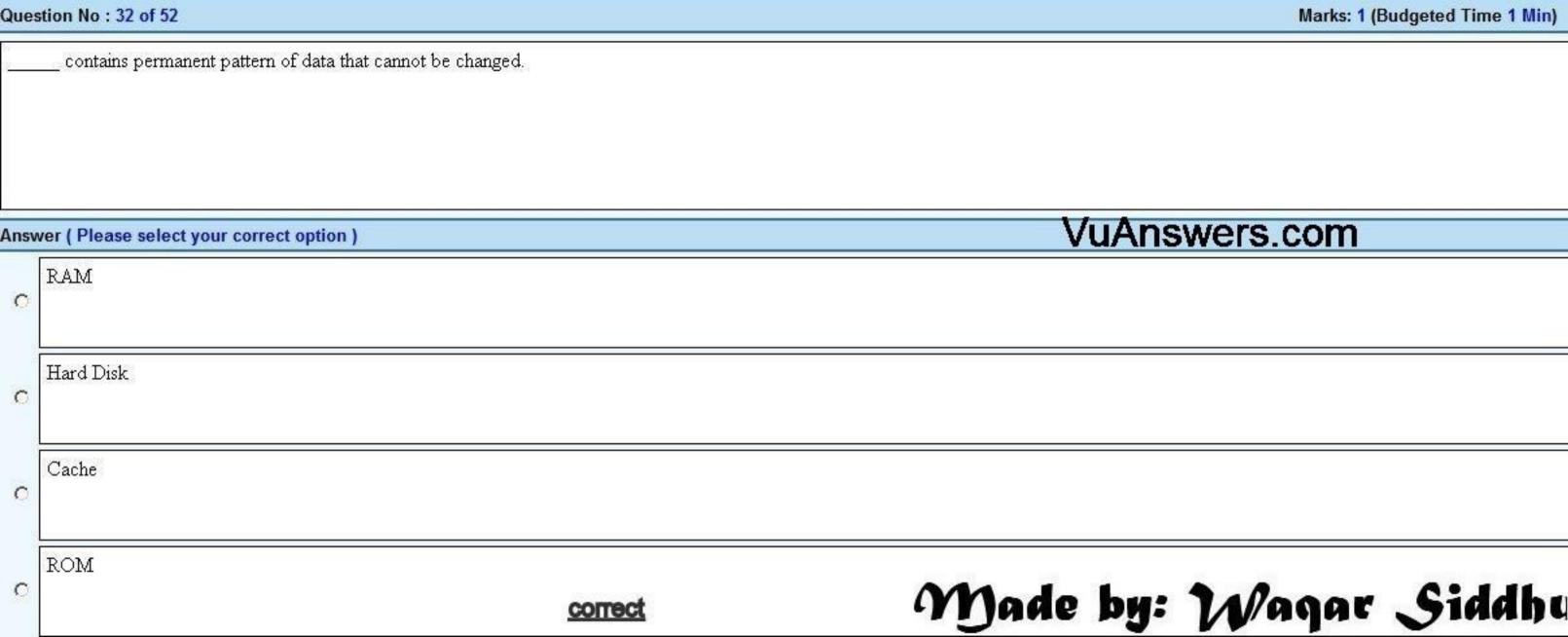


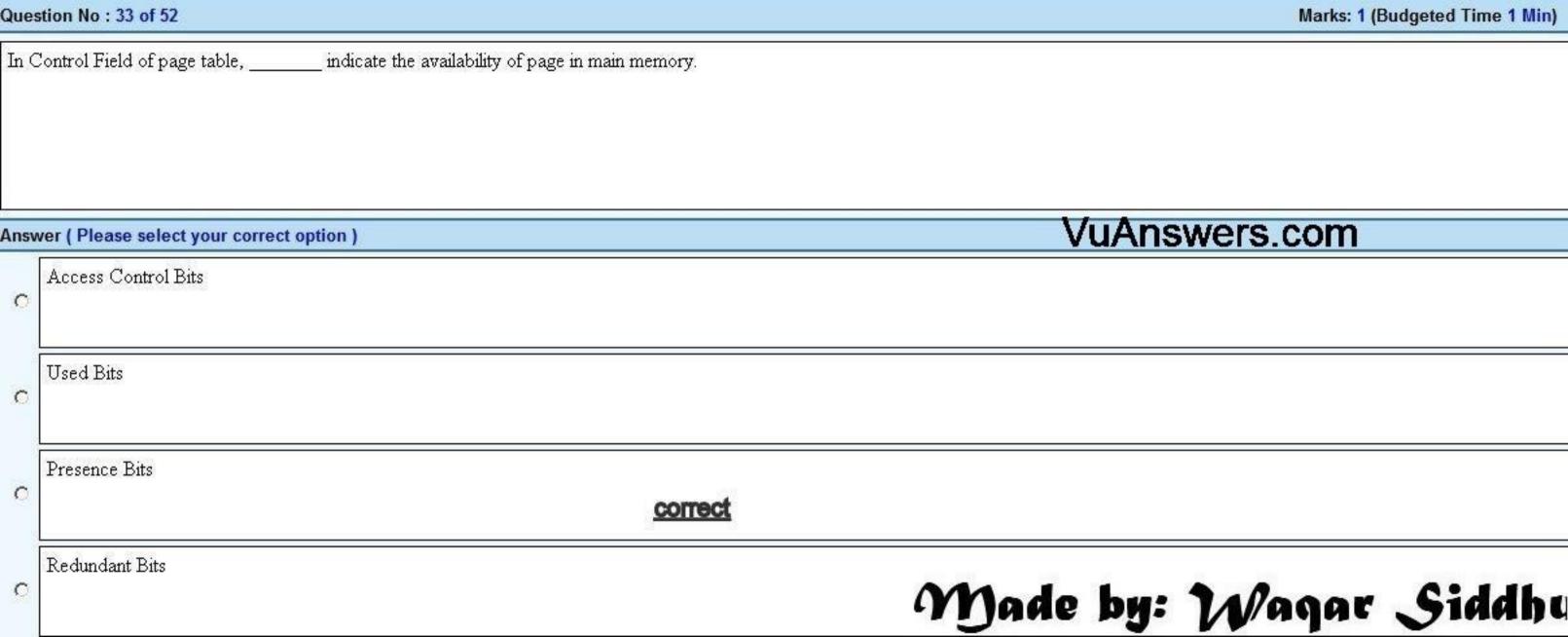
Que	estion No : 28 of 52	Marks: 1 (Budgeted Time 1 Min)
The	eis m-bits wide and contains memory address generated by the CPU directly com	nected to the m-bit wide address bus.
20.		
Ansv	wer (Please select your correct option)	VuAnswers.com
0	Memory address register (MAR)	correct
0	Program counter register	
0	Accumulator register	
c	Instruction register	Made by: Wagar Siddhu

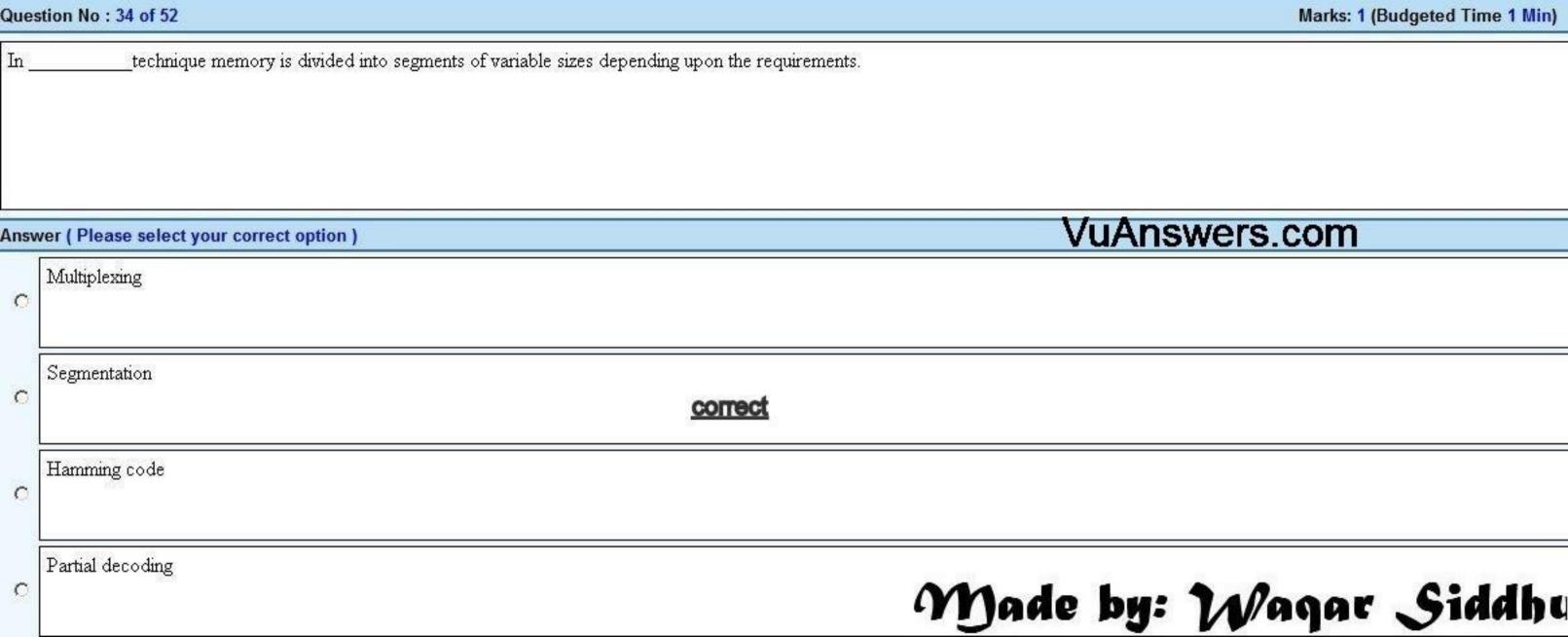


Ques	stion No : 30 of 52	Marks: 1 (Budgeted Time 1 Min)
For	a request for data, if the data is available in the cache it results in a	
20.		
Ansv	ver (Please select your correct option)	VuAnswers.com
O	Cache Miss	
0	Spatial Locality	
c	Temporal Locality	
С	Cache Hit correct	Made by: Wagar Siddhu

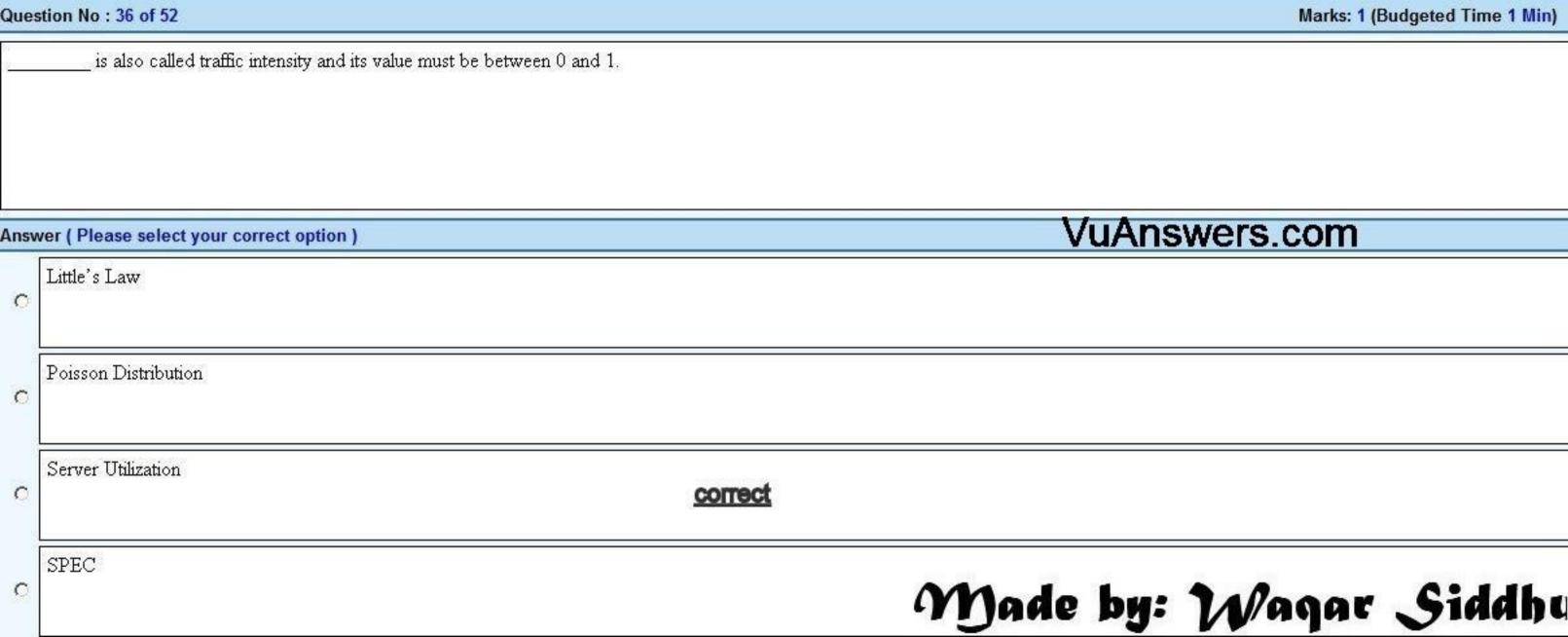
Ques	stion No : 31 of 52	Marks: 1 (Budgeted Time 1 Min)
For	write to complete in Write through, the CPU has to wait. This wait state is called	
0.		
Ansv	ver (Please select your correct option)	VuAnswers.com
c	Write Through	
О	Write Back	
c	Write Allocate	
С	Write Stall correct	Made by: Waqar Siddhu

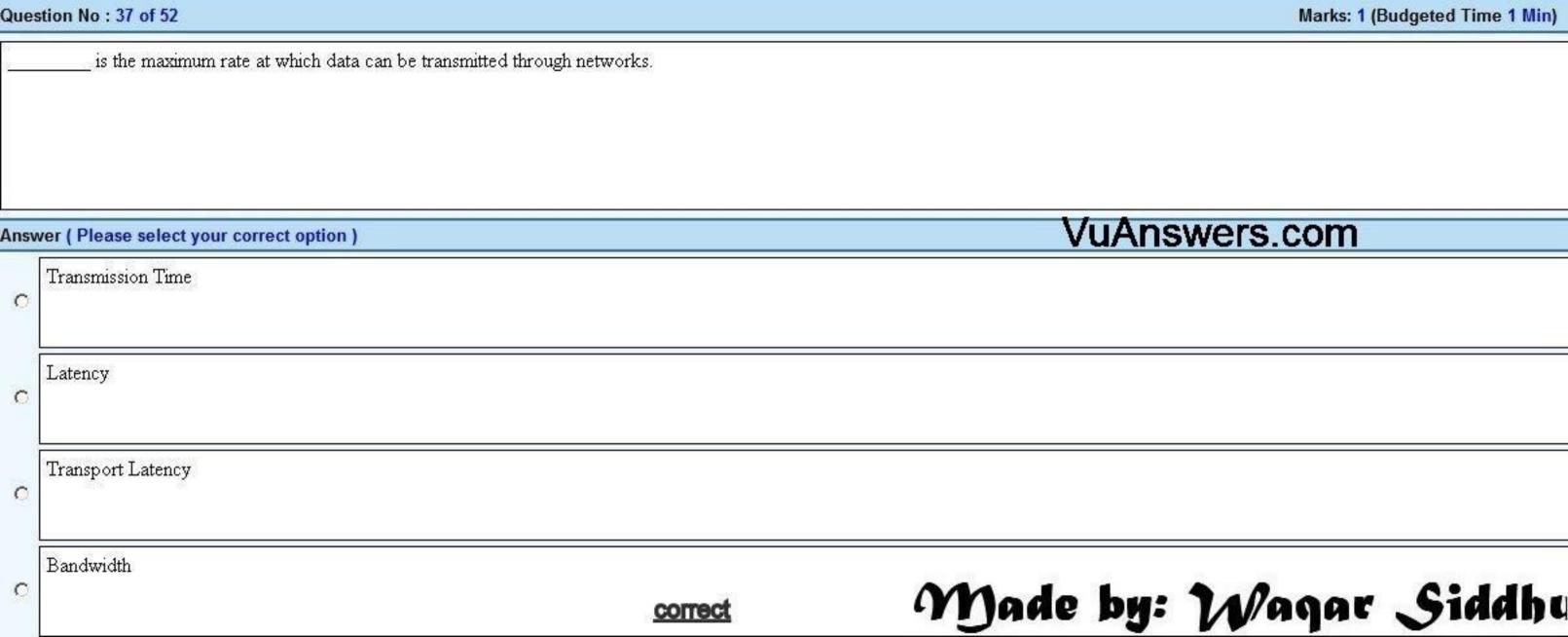




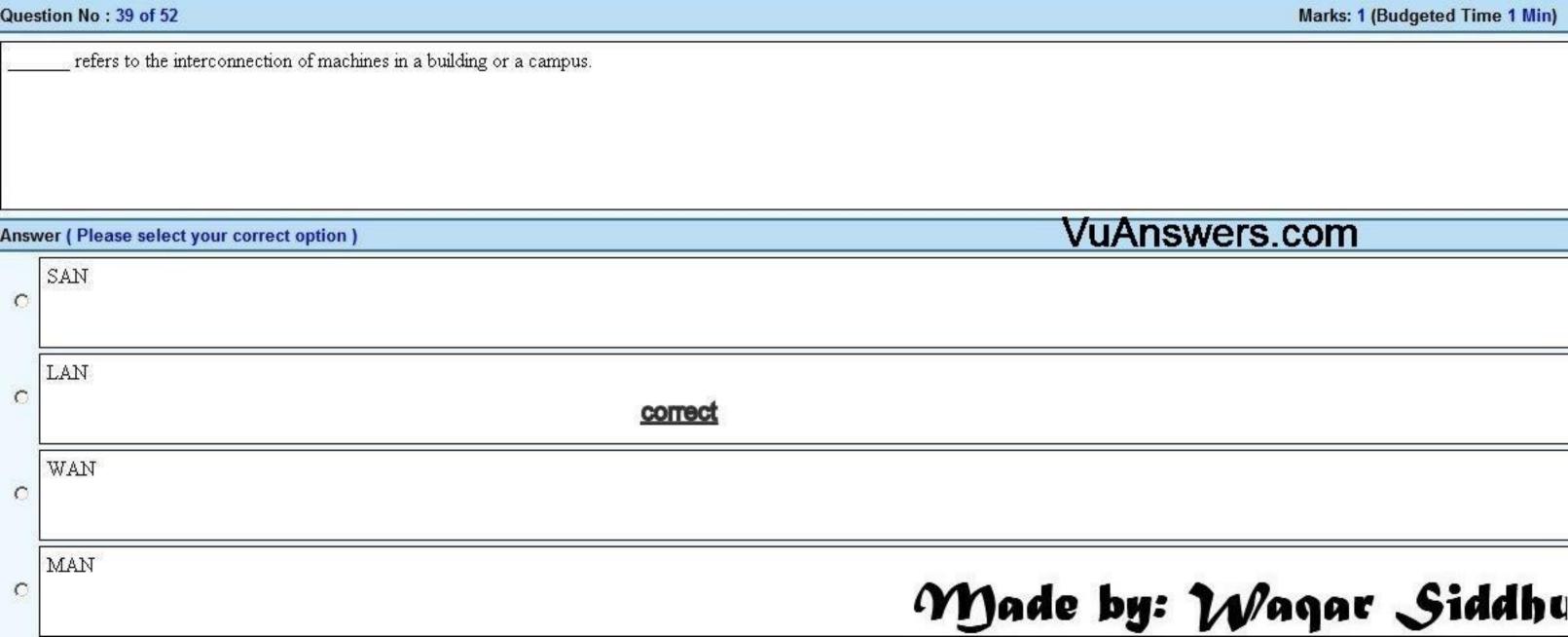




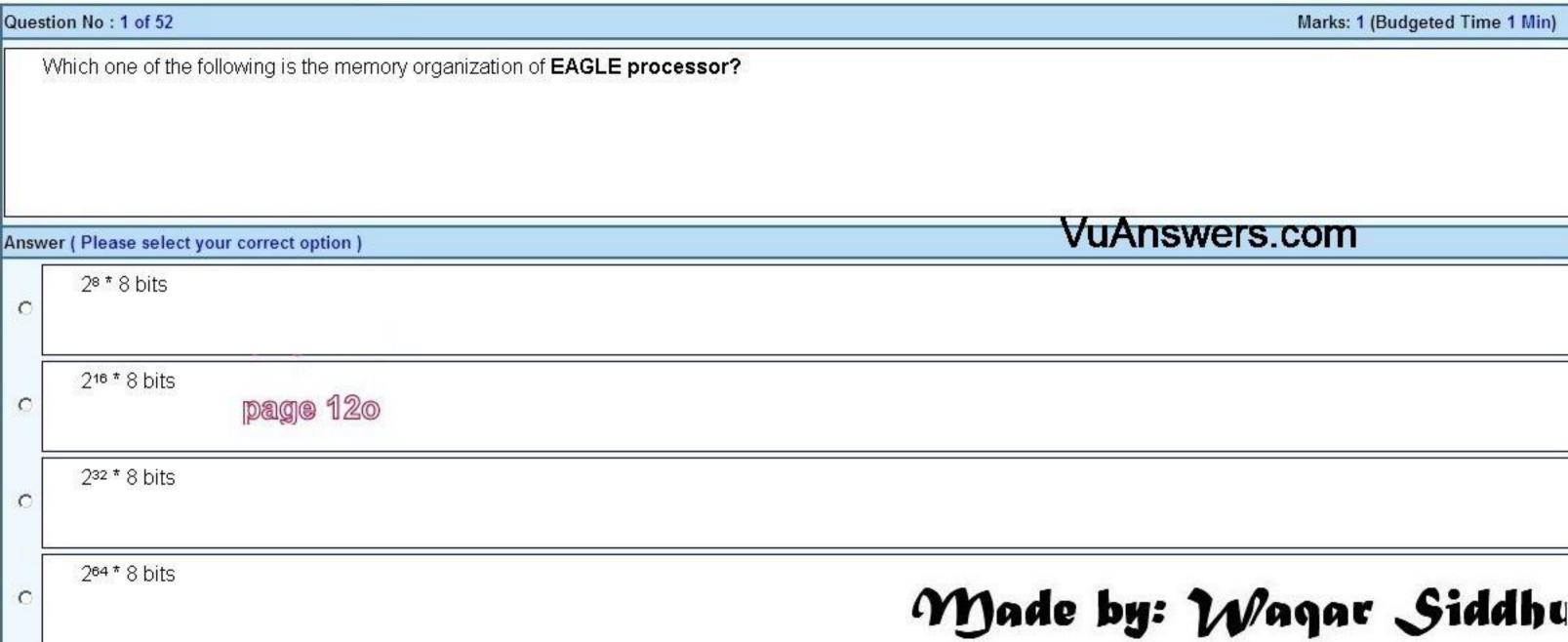




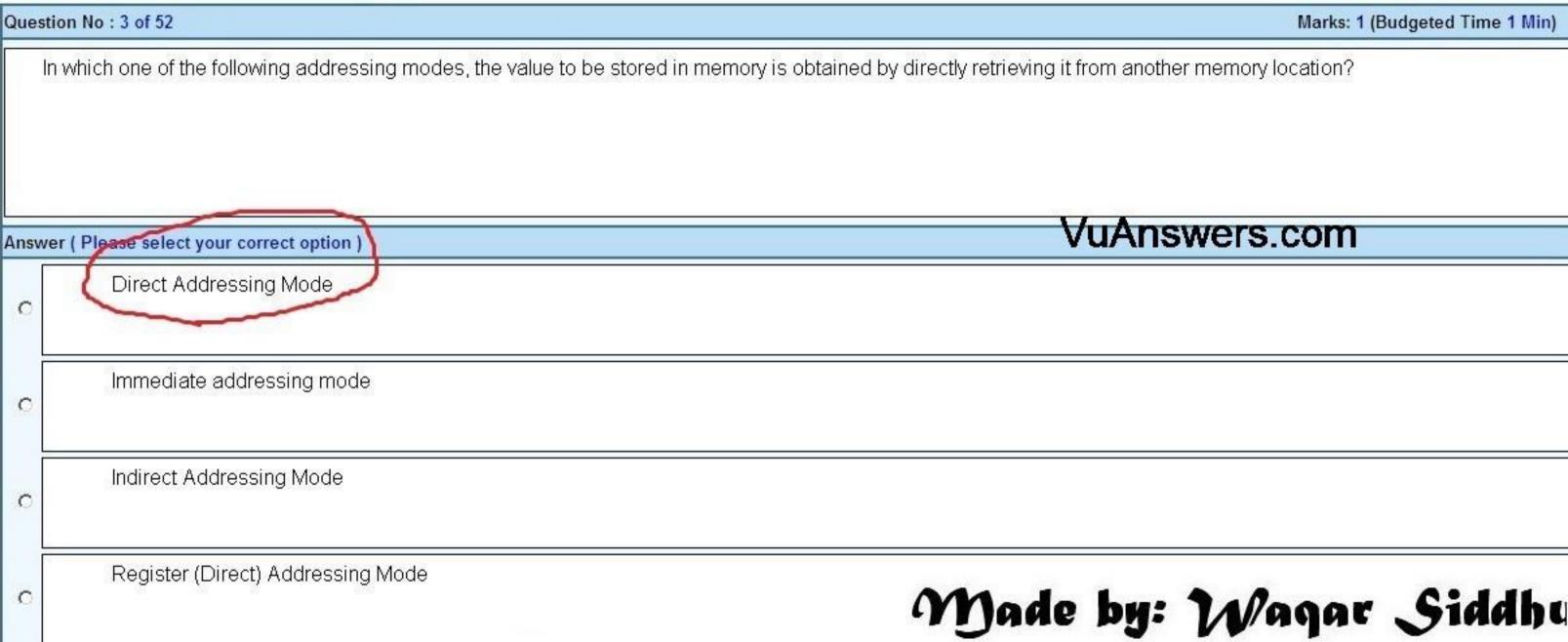
Question No : 38 of 52		Marks: 1 (Budgeted Time 1 Min)	
The	time for the message to pass through the network, except the time of flight is called		
Δnsv	wer (Please select your correct option)	VuAnswers.com	
0	Transmission Time	70 2 0	
О	Latency		
0	Transport Latency		
С	Bandwidth	Made by: Wagar Siddhu	



Question No : 40 of 52		Marks: 1 (Budgeted Time 1 Min)	
SPA	ARC (Scalable Processor Architecture) is an example ofarchitecture.		
Ansv	wer (Please select your correct option)	VuAnswers.com	
0	CISC		
О	RISC <u>correct</u>		
o	SRC		
С	FALCON	Made by: Waqar Siddhu	

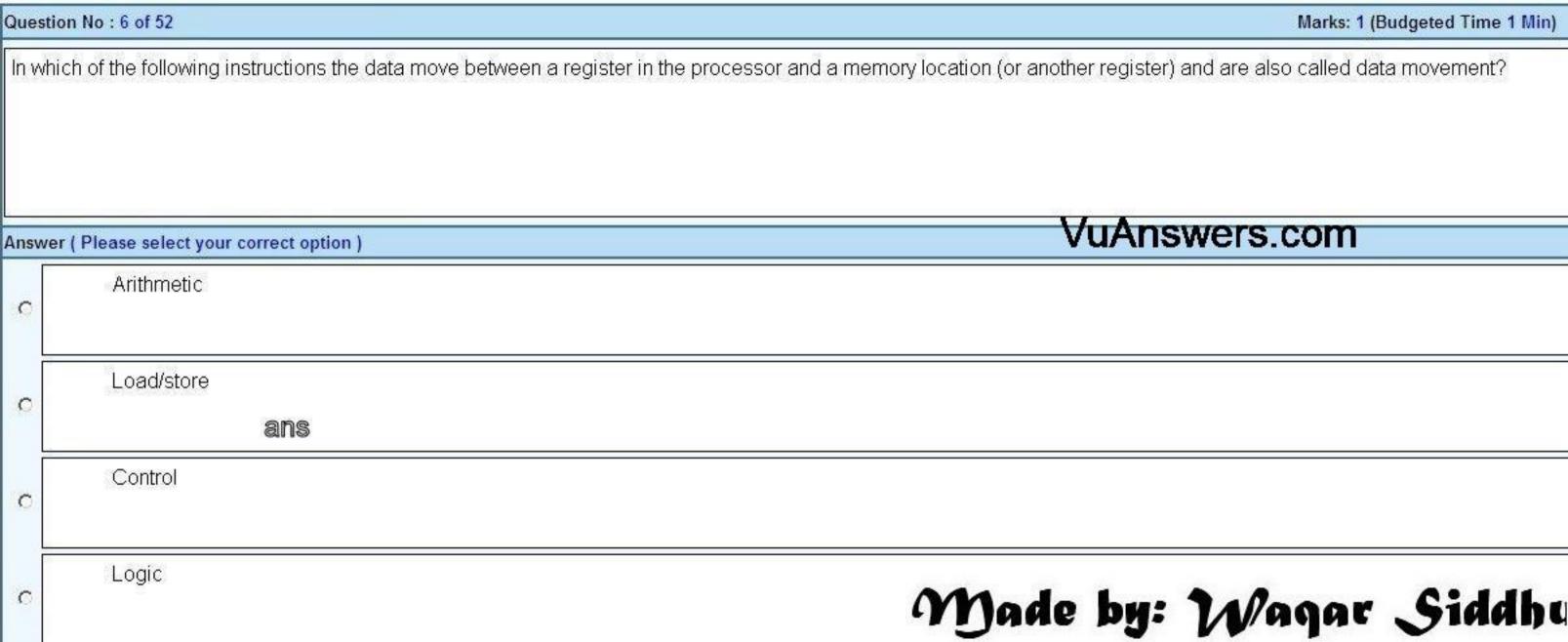


Question No : 2 of 52		Marks: 1 (Budgeted Time 1 Min)
	is a collection of binary digits or bits that the computer reads and interprets.	
Ansv	ver (Please select your correct option)	VuAnswers.com
О	assembly language	
С	higher level language	
O	English language	
О	machine language page 12	Made by: Waqar Siddhu



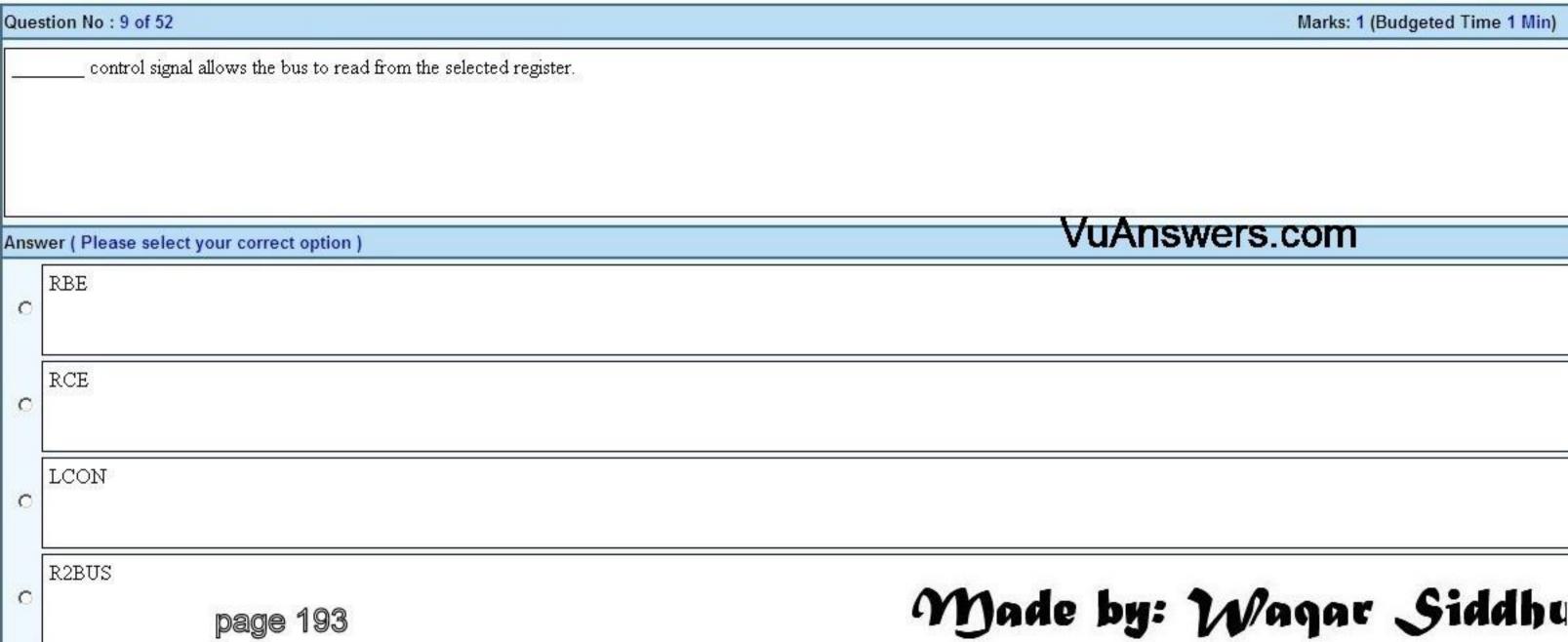
Question No : 4 of 52			Marks: 1 (Budgeted Time 1 Min)	
The	external interface of FALCON-A consists of a	address bus and a	data bus.	
Ansv	ver (Please select your correct option)			VuAnswers.com
0	8-bit , 8-bit			
О	16-bit , 16-bit 176			
С	16-bit , 24-bit			
С	16-bit , 32-bit			Made by: Wagar Siddhu





Que	estion No: 7 of 52	Marks: 1 (Budgeted Time 1 Min)
The	ne instruction is completed once memory access has been made and the memory location has been written to	
Aps	wer (Please select your correct option)	VuAnswers.com
(Store p 208	
O	Branch	
c	Load	
С	Control	Jade by: Waqar Siddhu





Question No : 10 of 52		Marks: 1 (Budgeted Time 1 Min)	
For any of the instructions that are a part of the instruction set of the SRC, there are certain performed, to select the appropriate registers, or the appropriate memory location.		required; which may be used to select the appropriate function for the ALU to b	
Ansv	wer (Please select your correct option)	VuAnswers.com	
c	Registers		
O	Control signals p 171 ans		
c	Memory		
c	DMA controllers	Made by: Wagar Siddhu	

Question No : 11 of 52		Marks: 1 (Budgeted Time 1 Min)
Eve	ery I/O port has a unique identifier associated with it, which is called its	
Ansv	wer (Please select your correct option)	VuAnswers.com
С	Address ans	
С	Access point	
O	Interval Identifier	
С	Device driver	Made by: Waqar Siddhu

Que	stion No : 12 of 52	Marks: 1 (Budgeted Time 1 Min)
	is a technique in which some of the CPU's address lines forming an input to the address decoder are igno	red.
Ansv	wer (Please select your correct option)	VuAnswers.com
О	Partial decoding ans	
С	Full encoding	
С	Partial multiplexing	
С	Half encoding	Yade by: Waqar Siddhu

Question No : 13 of 52		Marks: 1 (Budgeted Time 1 Min)
Par	tial decoding is an attractive choice in	
Ansv	ver (Please select your correct option)	VuAnswers.com
0	Small systems	
С	Large systems	
C	Medium systems	
С	All of the above	Made by: Wagar Siddhu

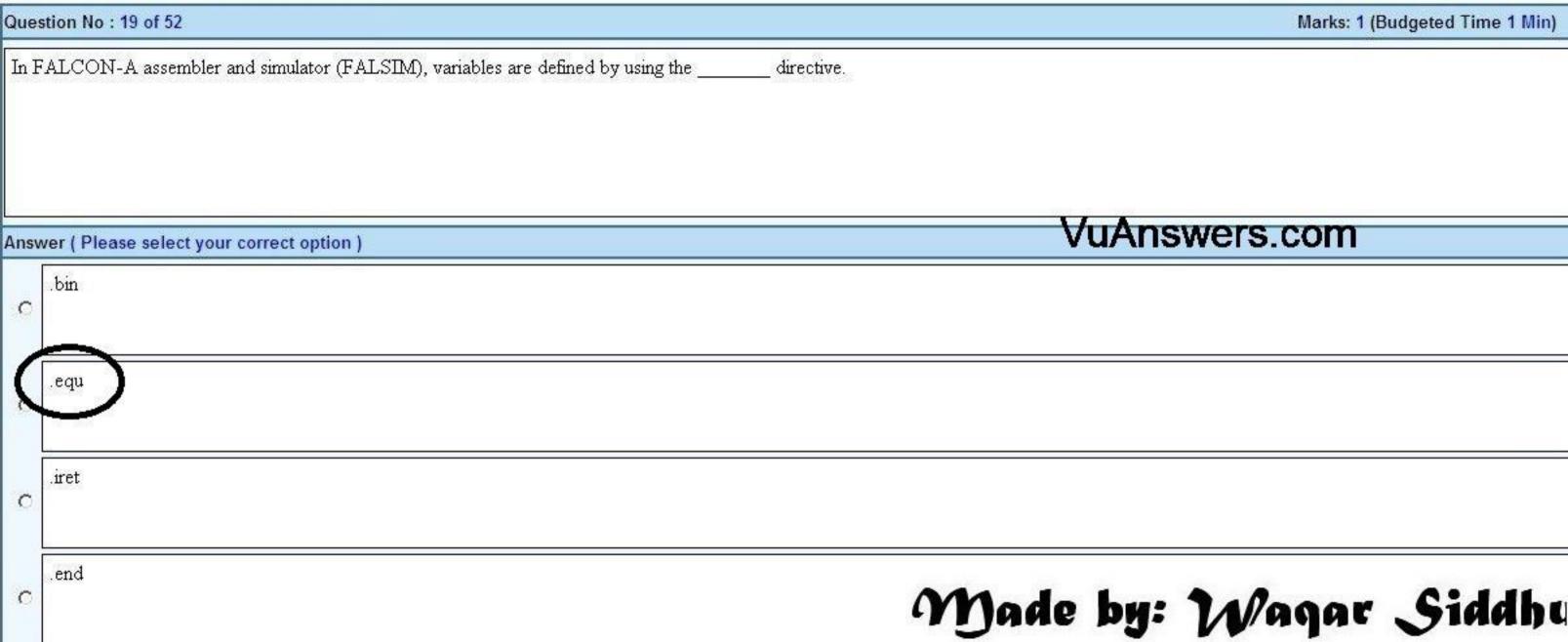
Que	stion No : 14 of 52	Marks: 1 (Budgeted Time 1 Min)	
Con	nsider Falcon A, with 16 address lines, the total address space is Kbytes.		
Ansv	wer (Please select your correct option)	VuAnswers.com	
C	2 ^ 16 ans		
С	2 ^ 10		
0	2^6		
С	2^8	Made by: Waqar Siddhu	

Que	stion No : 15 of 52	Marks: 1 (Budgeted Time 1 Min)
In v	which one of the following methods, does the CPU poll to identify the interrupting module and branch to an interrupt service routine on detecting an interrupt?	
Ansv	wer (Please select your correct option)	.com
С	Multiple interrupt lines	
С	Software Poll ans	
c	Daisy Chain	
С	Parallel Priority Made by: We	agar Siddhu

Question No: 16 of 52		Marks: 1 (Budgeted Time 1 Min)	
Ма	skable Interrupts are applied to the pin of the processor.		
Ansv	wer (Please select your correct option)	VuAnswers.com	
C	INTR ans		
С	NMI		
О	IRET		
С	INT	Made by: Wagar Siddhu	

Que	stion No : 17 of 52	Marks: 1 (Budgeted Time 1 Min)
No	n-maskable Interrupts are detected using the pin of the processor.	
Ansv	wer (Please select your correct option)	VuAnswers.com
С	INTR	
С	nmi ans	
0	IRET	
С	INT	Made by: Wagar Siddhu

Que	stion No : 18 of 52	Marks: 1 (Budgeted Time 1 M	in)
In l	Multiple Interrupt Lines approach, a number of interrupt lines are provided between the	modules.	
Ansv	wer (Please select your correct option)	VuAnswers.com	
C	External and Internal		
o	CPU and I/O		
C	CPU and Memory		
С	Memory and I/O	Made by: Wagar Siddh) U



Que	stion No : 20 of 52	Marks: 1 (Budgeted Time 1 Min)
-	allows a peripheral device to read from and/or write to memory without intervention by the C	PU.
Ansv	wer (Please select your correct option)	VuAnswers.com
C	Programmed I/O	
O	Interrupt driven I/O	
C	Direct memory access	
c	Polling	Made by: Waqar Siddhu

Question No : 21 of 52		Marks: 1 (Budgeted Time 1 Min)
Tal	cing control of the system bus for a few bus cycles is known as	
Ansv	wer (Please select your correct option)	VuAnswers.com
C	Bus Scheduling	
С	Cycle Stealing ans	
c	Cycle Transferring	
c	CPU Scheduling	Made by: Wagar Siddhu

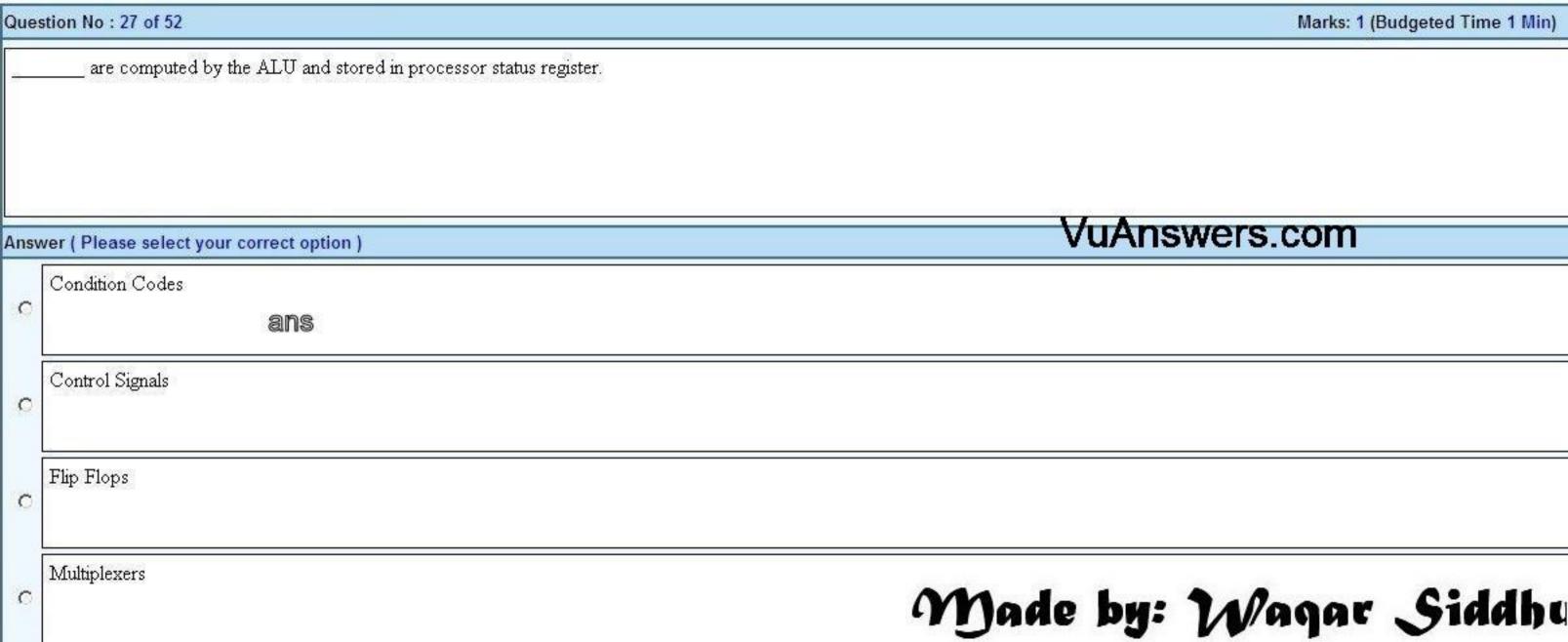
Que	stion No : 22 of 52	Marks: 1 (Budgeted Time 1 Min)
Ac	component connected to the system bus and having control of it during a particular bus cycle is called	
Ansv	wer (Please select your correct option)	VuAnswers.com
С	Address decoder	
c	BIOS	
0	Master component	
352.	ans	
c	Slave component	Made by: Wagar Siddhu

Que	estion No : 23 of 52	Marks: 1 (Budgeted Time 1 Min)
Wh	nen it is required to read data from a particular location of the disk, the head moves t	owards the selected track and this process is called
Ansv	wer (Please select your correct option)	VuAnswers.com
C	Fragmentation	
c	Defragmentation	
0	Seek	
9	ans	
С	Encoding	Made by: Wagar Siddhu

Que	stion No : 24 of 52	Marks: 1 (Budgeted Time 1 Min)
CR	.C hasoverhead as compared to Hamming code.	
Ans	wer (Please select your correct option)	VuAnswers.com
c	Equal	
c	Greater	
C	Lesser ans	
c	Absolutely no	Made by: Waqar Siddhu

Que	stion No:25 of 52	Marks: 1 (Budgeted Time 1 Min)
The	conversion of numbers from a representation in one base to another is known as	
Ansv	wer (Please select your correct option)	VuAnswers.com
С	Radix Conversion	
c	Number Representation	
С	Decimal Representation	
C	Hexadecimal Representation	Made by: Wagar Siddhu

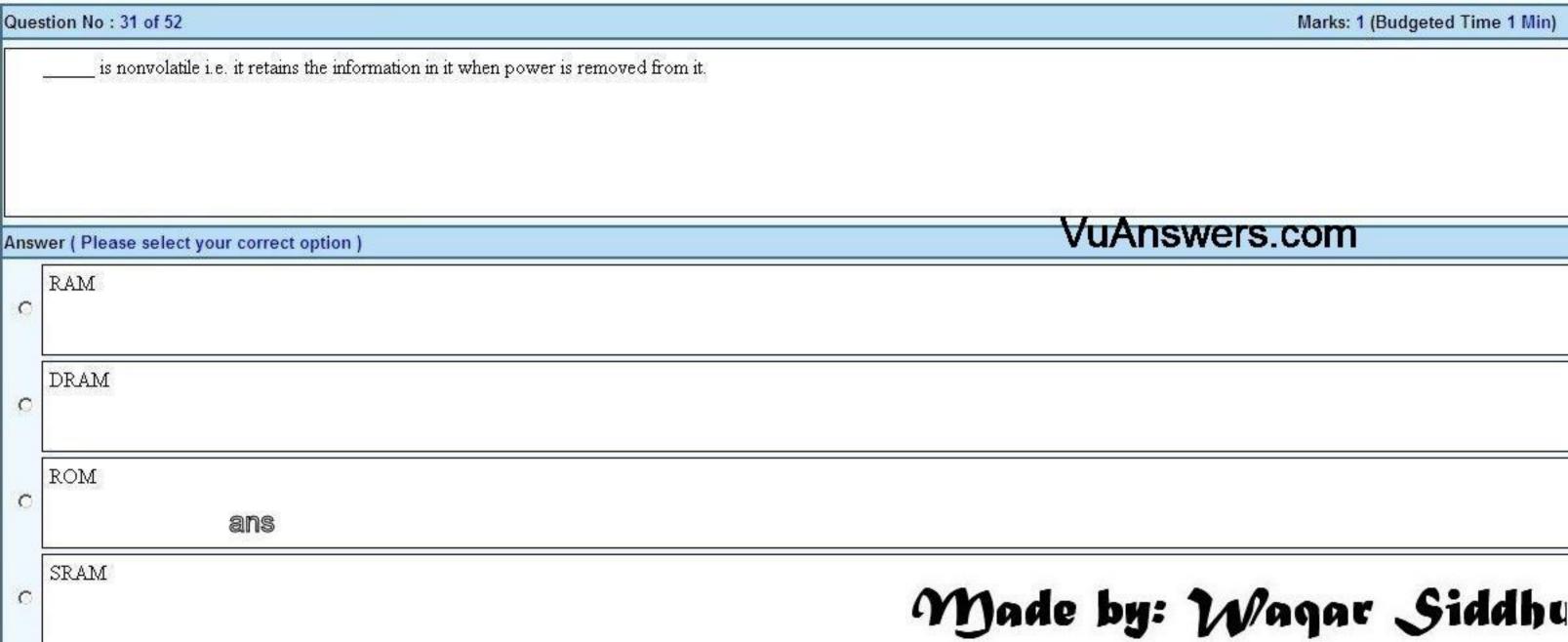
Que	stion No : 26 of 52	Marks: 1 (Budgeted Time 1 Min)	
In_	, bits are encoded in pairs so there are only 'n/2' additions instead of 'n'.		
Ansv	wer (Please select your correct option)	VuAnswers.com	
C	Booth Recoding		
o	Bit-Pair Recoding ans		
С	Fraction Division		
c	Integer Division	Made by: Waqar Siddhu	



Que	stion No : 28 of 52	Marks: 1 (Budgeted Time 1 Min)
In o	omputers, floating-point representation usesto encode significand, exponent and their sign in a single v	vord.
Ansv	wer (Please select your correct option)	VuAnswers.com
C	Decimal Numbers	
С	Binary Numbers	
c	Octal Numbers	
С	Hexadecimal Numbers	Made by: Waqar Siddhu

Que	stion No : 29 of 52	Marks: 1 (Budgeted Time 1 Min)
In f	loating point representations is also called mantissa.	
Ansv	wer (Please select your correct option)	VuAnswers.com
С	Sign	
С	Base	
C	Significand p 347	
С	Exponent	Made by: Wagar Siddhu

Que	stion No : 30 of 52	Marks: 1 (Budgeted Time 1 Min)
In S	Single-Precision Binary Floating Point Representation the size of exponent is	
Ansv	wer (Please select your correct option)	VuAnswers.com
C	8-bits ans	
О	11-bits	
C	1-bits	
С	23-bits	Made by: Wagar Siddhu



Que	Question No : 32 of 52	Marks: 1 (Budgeted Time 1 Min)
Bas	Based on the statistical results, the cache block which has been least used in the recent past, is replaced with a new block.	This technique is called
Ansv	Answer (Please select your correct option)	VuAnswers.com
С	Always Replacement	
С	Random Replacement	
C	LFU (Least Frequently Used) ans	
c	Write Allocate O	Jade by: Waqar Siddhu

Question No : 33 of 52		Marks: 1 (Budgeted Time 1 Min)	
3	acts as a cache between main memory and secondary memory.		
Ansv	wer (Please select your correct option)	VuAnswers.com	
C	Read Only Memory		
c	Flash Memory		
C	Virtual Memory ans		
c	Magnetic Tape	Made by: Waqar Siddhu	

Que	stion No : 34 of 52	Marks: 1 (Budgeted Time 1 Min)
Rar	ndomly replacing any older page to bring in the desired page is known as	
Ansv	wer (Please select your correct option)	VuAnswers.com
С	Always Replacement	
c	LFU (Least Frequently Used)	
С	Random Replacement	
С	Fragmentation	Made by: Wagar Siddhu

Que	stion No : 35 of 52	Marks: 1 (Budgeted Time 1 Min)	
39	are formed by concatenating the page number with the word number.		
Ansv	wer (Please select your correct option)	VuAnswers.com	
C	Memory chips		
c	Protocols		
С	Hazards		
С	Virtual addresses	Made by: Wagar Siddhu	

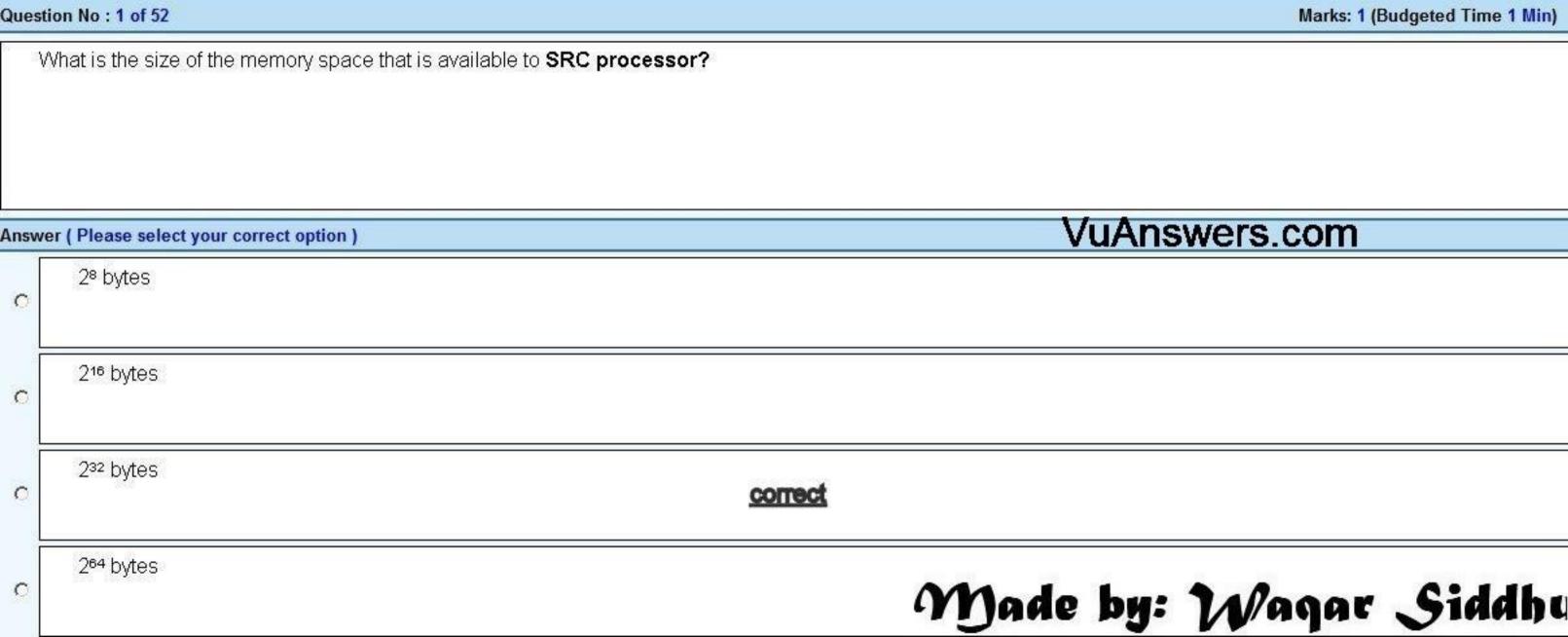
Que	stion No : 36 of 52	Marks: 1 (Budgeted Time 1 Min)
In _	technique memory is divided into segments of variable sizes depending upon the requirements.	
Ansv	wer (Please select your correct option)	VuAnswers.com
C	Multiplexing	
С	Segmentation ans	
C	Hamming code	
С	Partial decoding	Made by: Wagar Siddhu

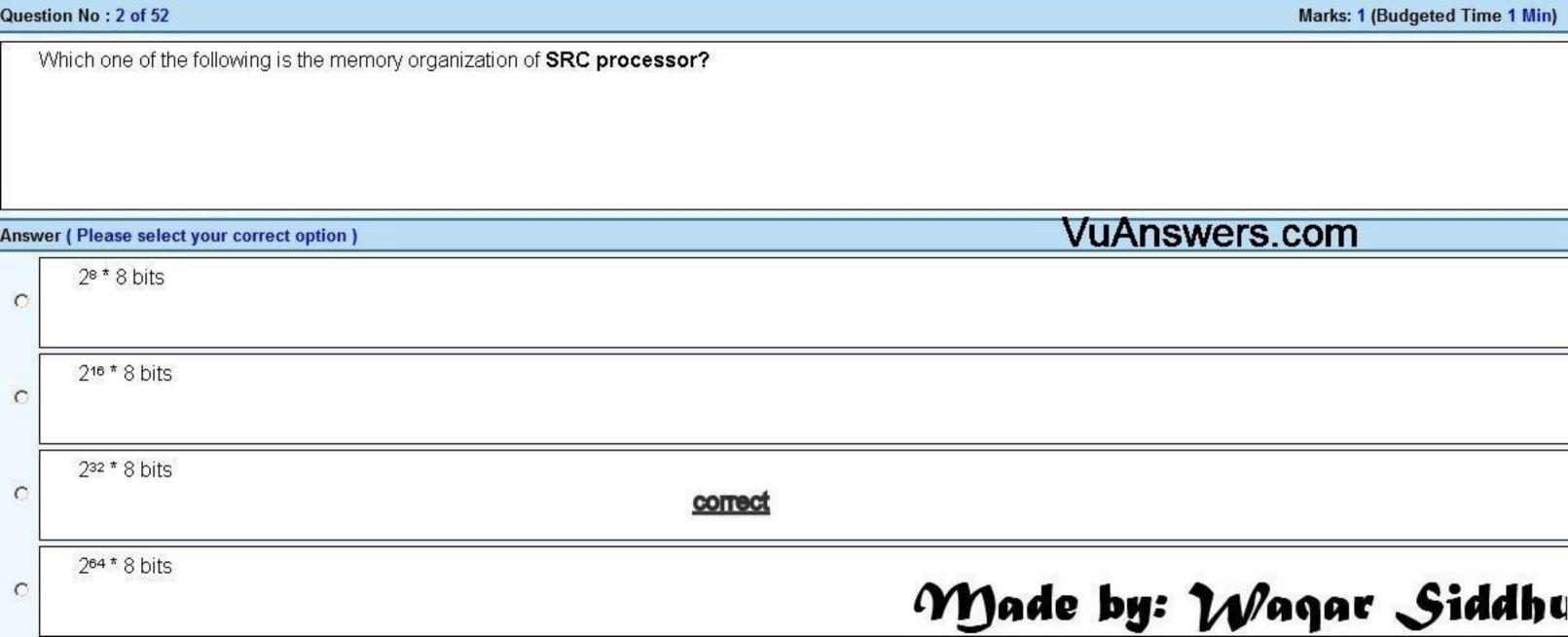
Que	stion No : 37 of 52	Marks: 1 (Budgeted Time 1 Min)
	depends upon the average number of calls and the service time taken by a particular server.	
Ansv	wer (Please select your correct option)	VuAnswers.com
C	Throughput ans	
c	Latency	
С	Poisson Distribution	
c	Response Time	Made by: Waqar Siddhu

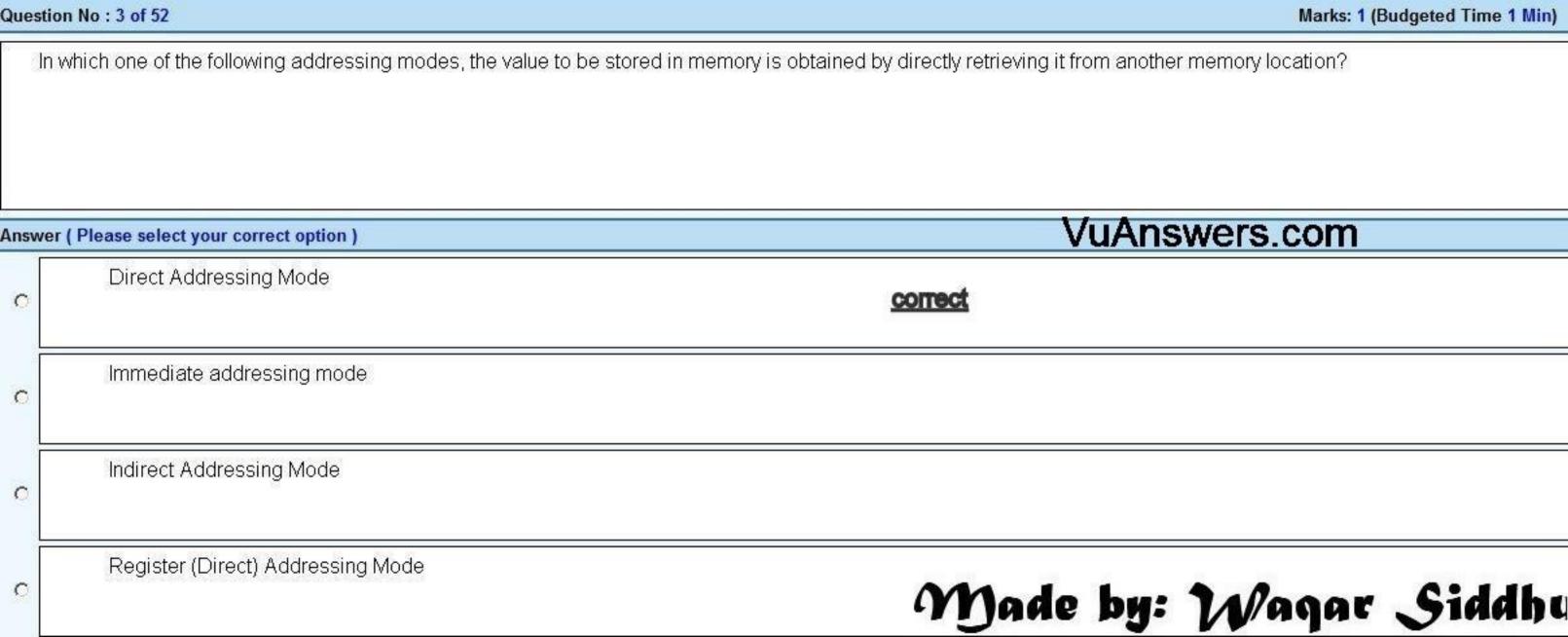
Question No : 38 of 52		Marks: 1 (Budgeted Time 1 Min)	
39	is also called traffic intensity and its value must be between 0 and 1.		
Ansv	wer (Please select your correct option)	VuAnswers.com	
С	Little's Law		
c	Poisson Distribution		
C	Server Utilization ans		
С	SPEC	Made by: Wagar Siddhu	

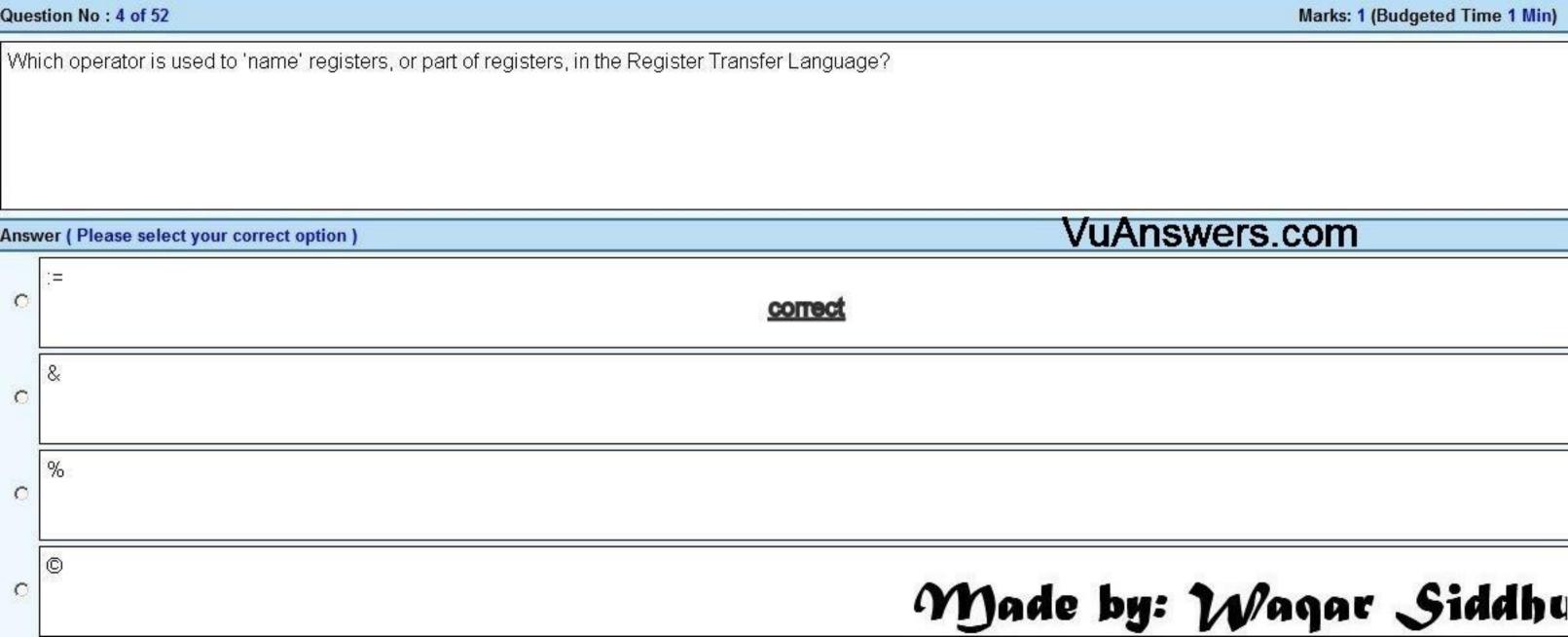
Que	estion No : 39 of 52	Marks: 1 (Budgeted Time 1 Min)
The	e time for the message to pass through the network, except the time of flight is called	
Ansv	wer (Please select your correct option)	VuAnswers.com
C	Transmission Time	
O	Latency	
C	Transport Latency	
c	Bandwidth	Made by: Wagar Siddhu

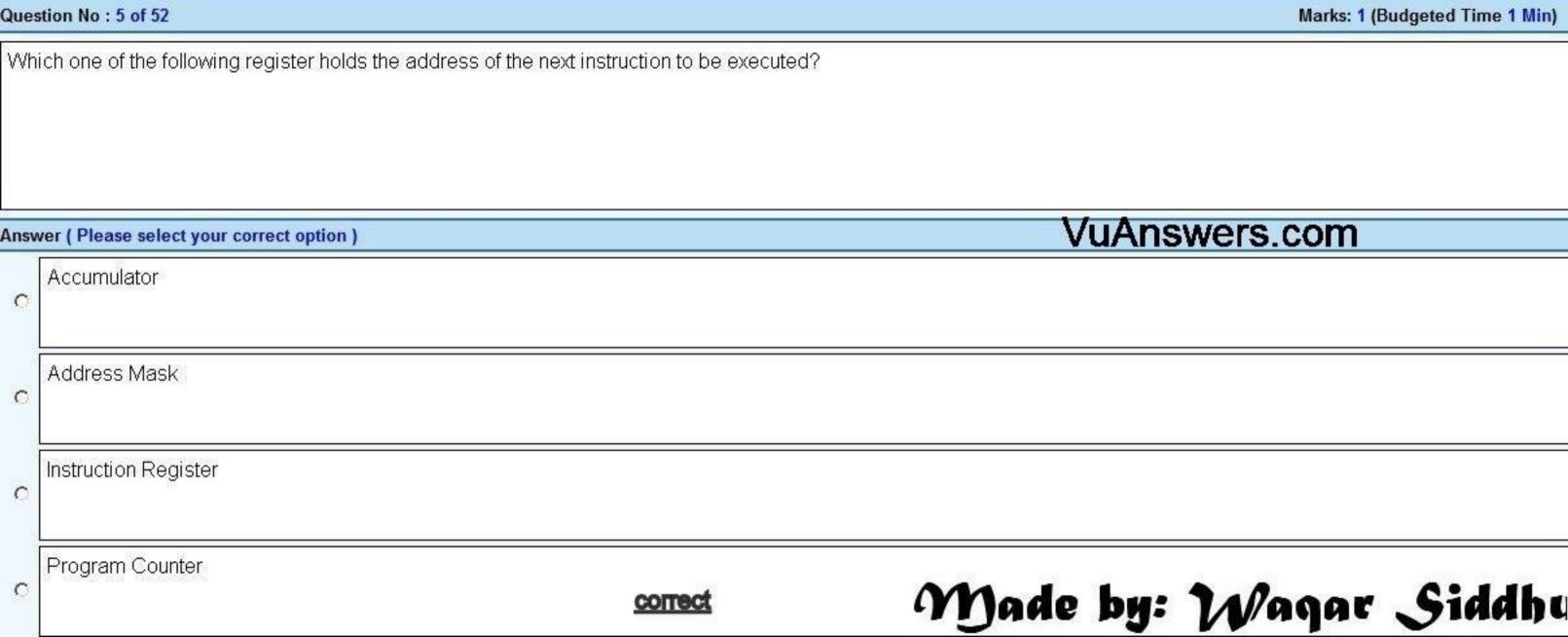
Que	stion No:40 of 52	Marks: 1 (Budgeted Time 1 Min)
As	et of rules followed by different components in a network is called	
Ansv	wer (Please select your correct option)	VuAnswers.com
C	Host	
c	Connectivity	
С	Resource Sharing	
C	Protocol ans	Made by: Wagar Siddhu

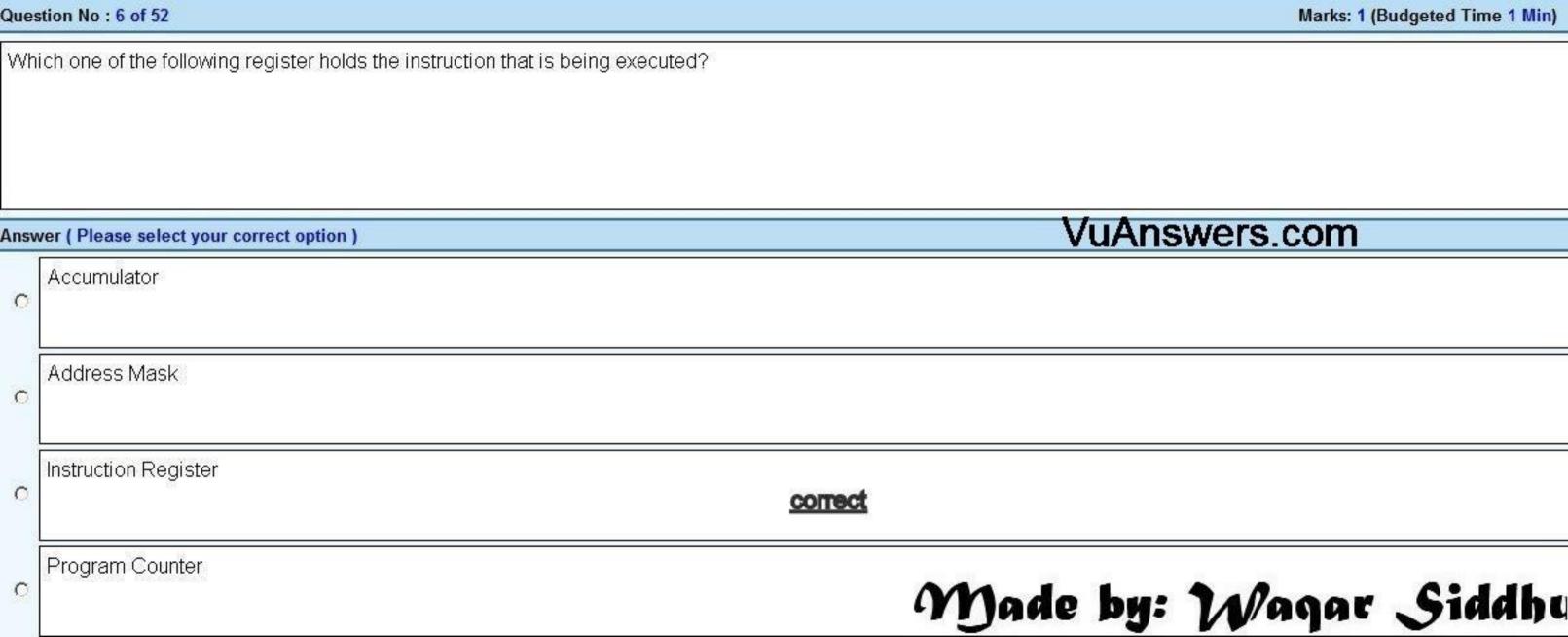


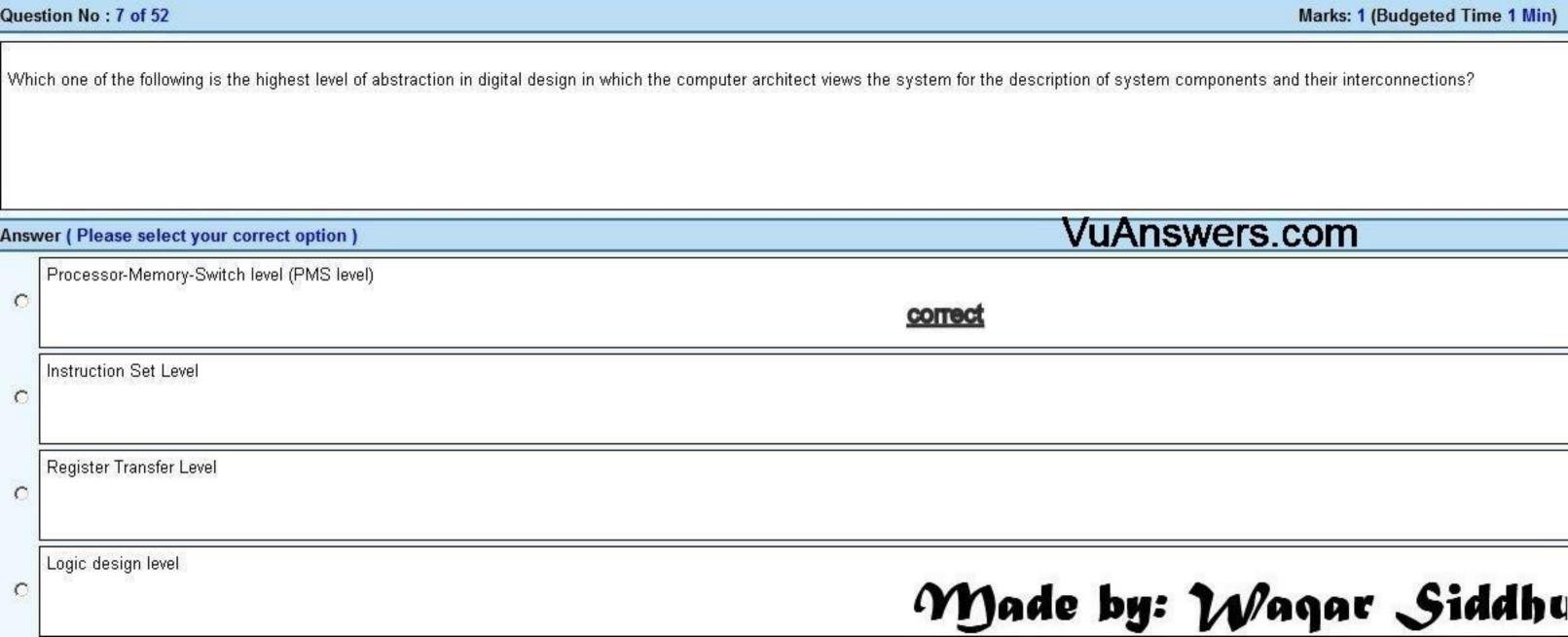


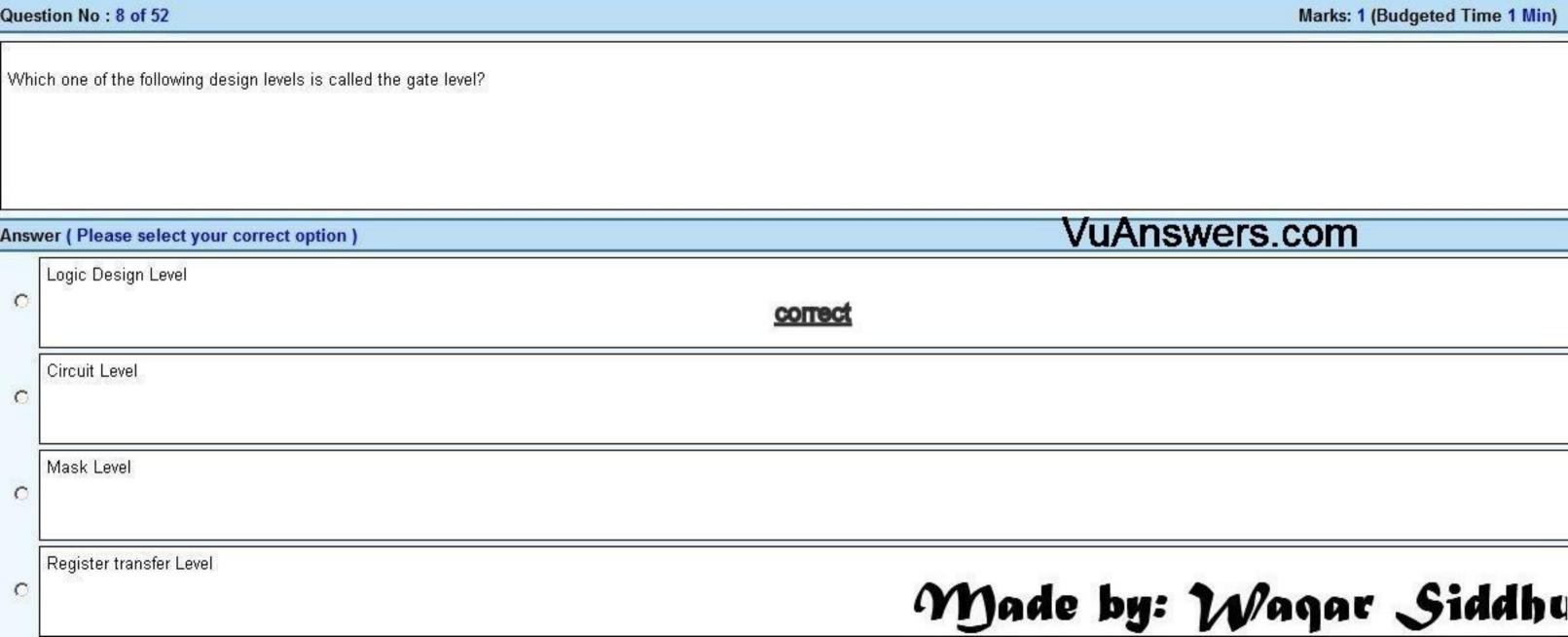


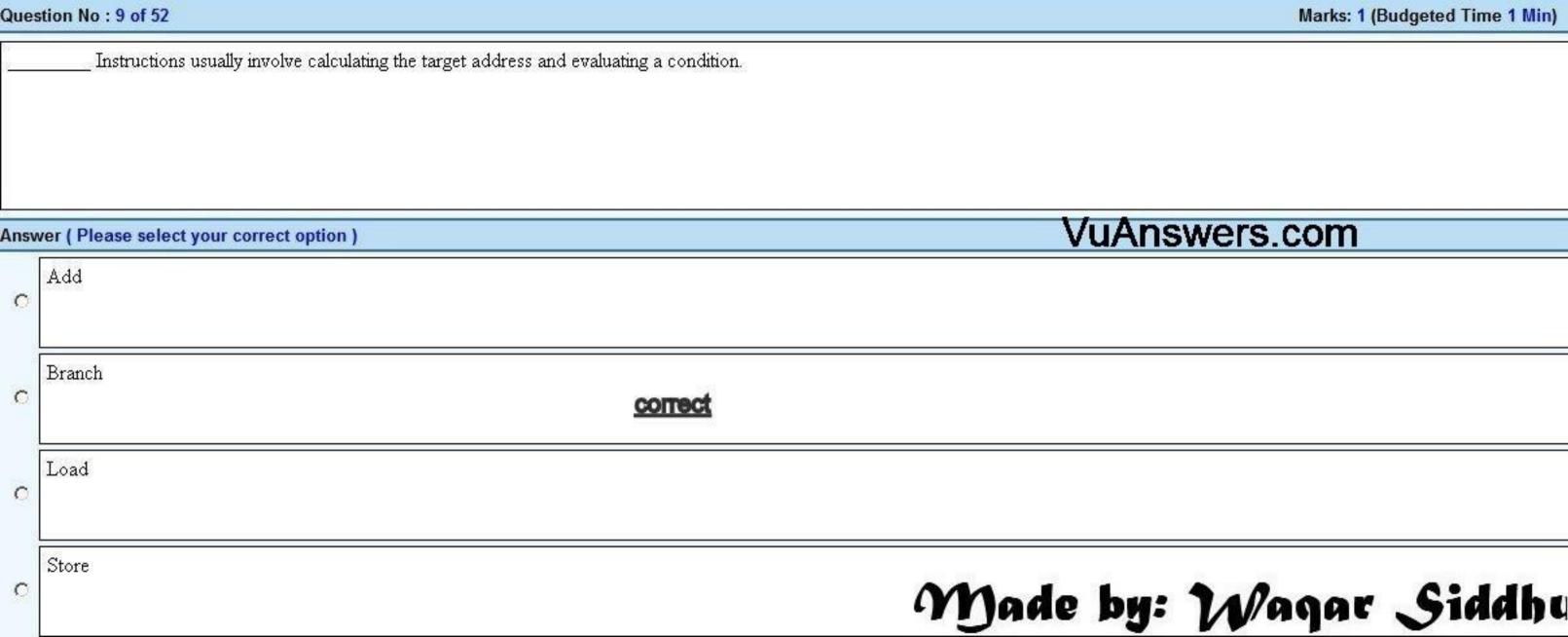


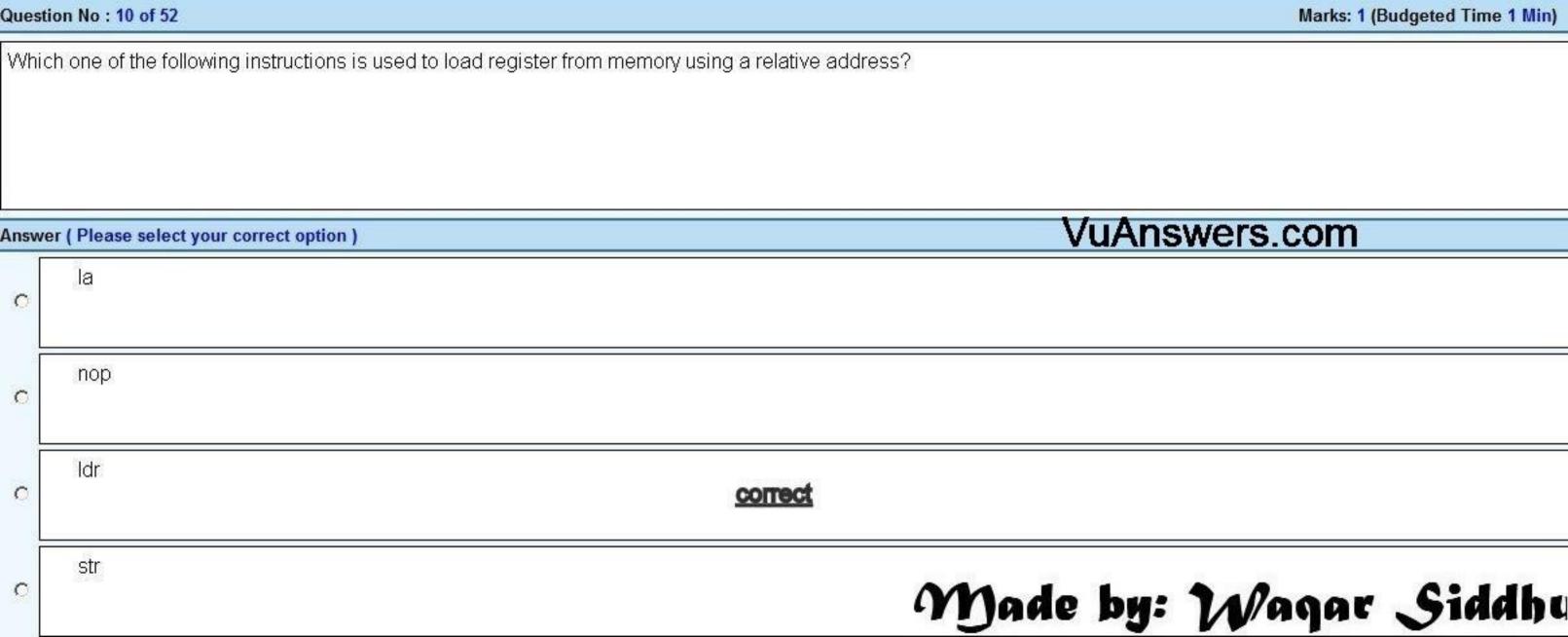


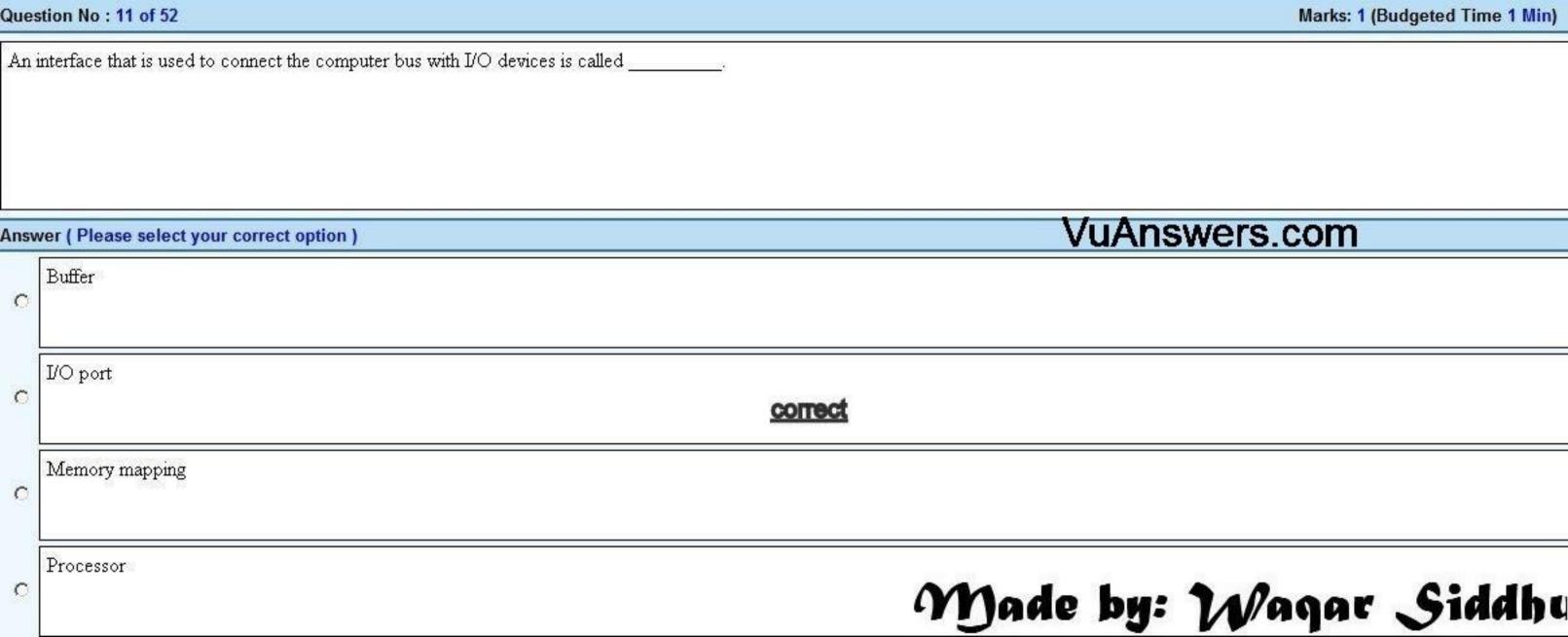




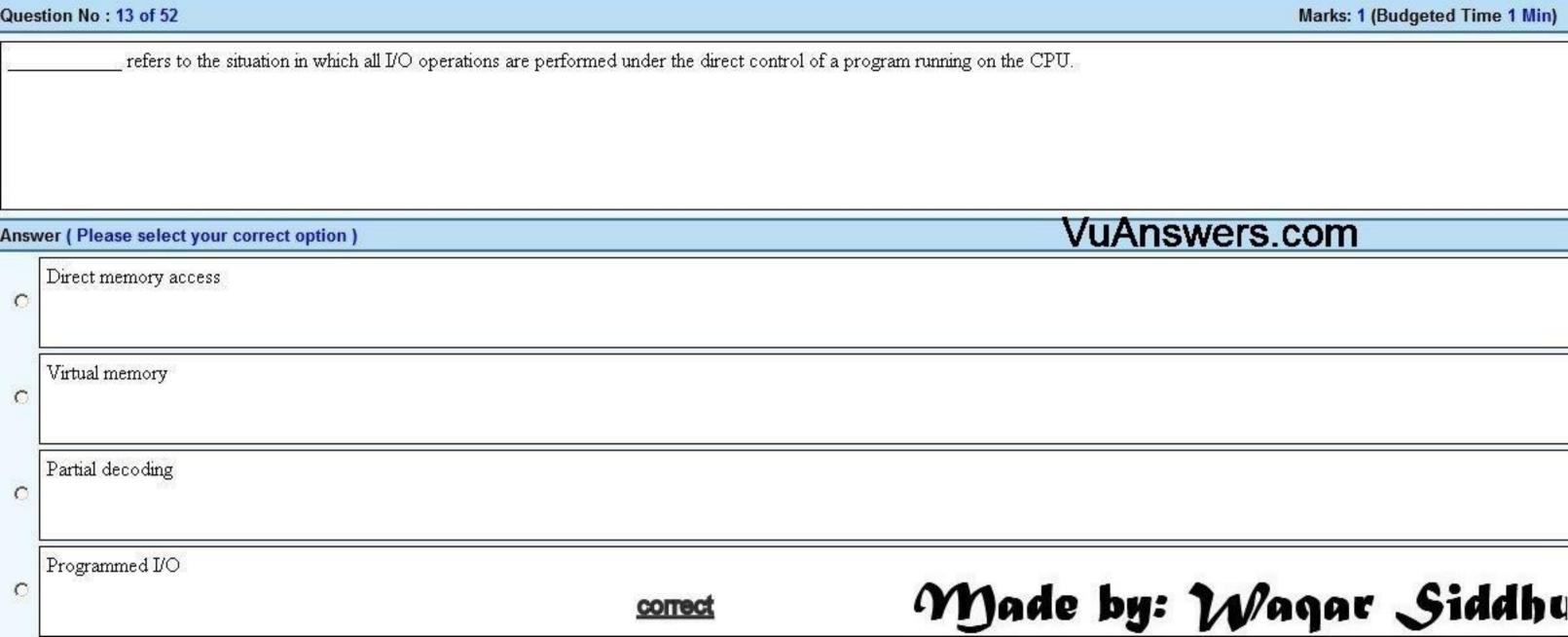


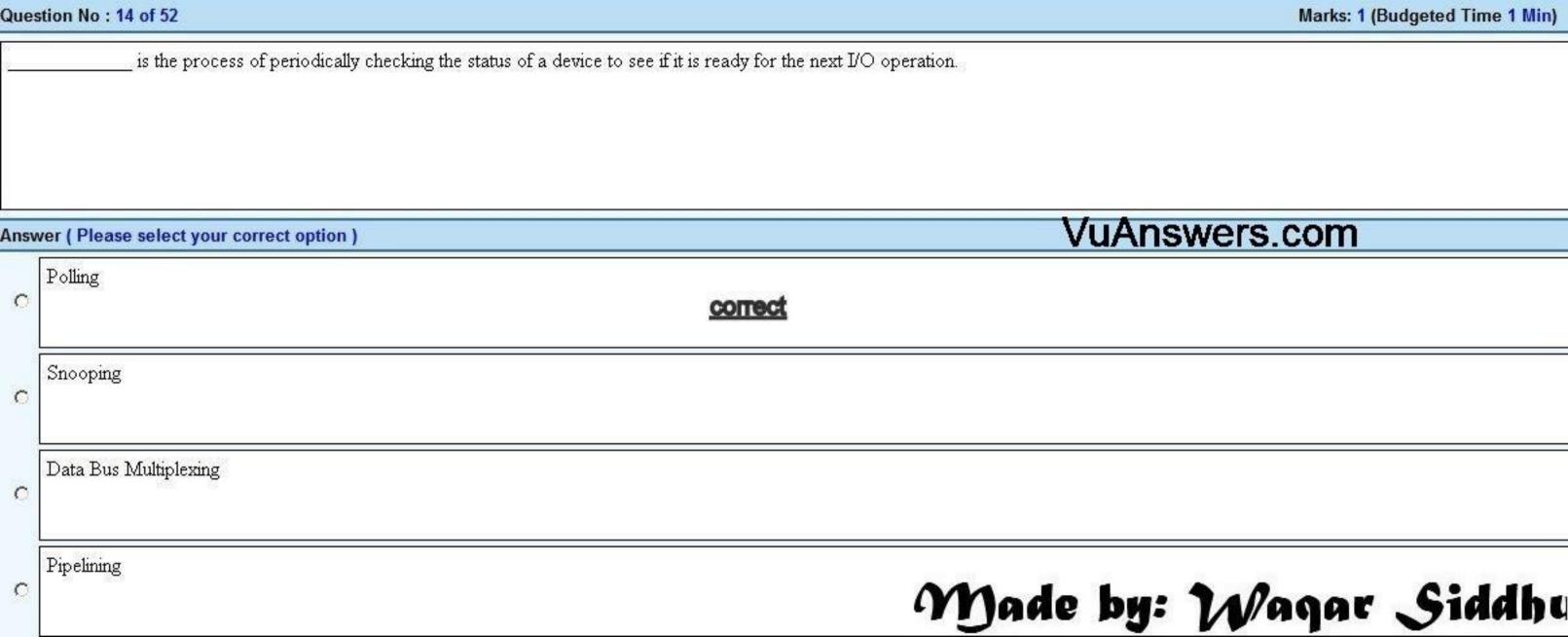


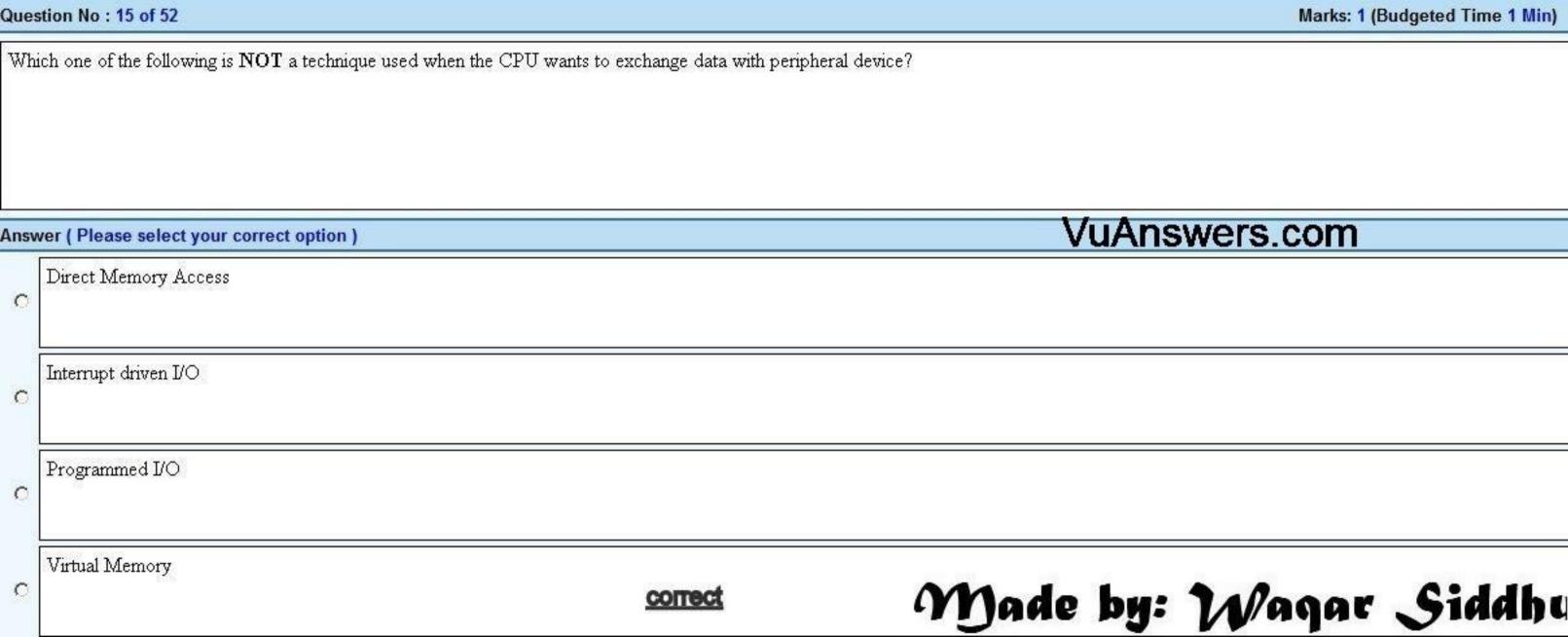


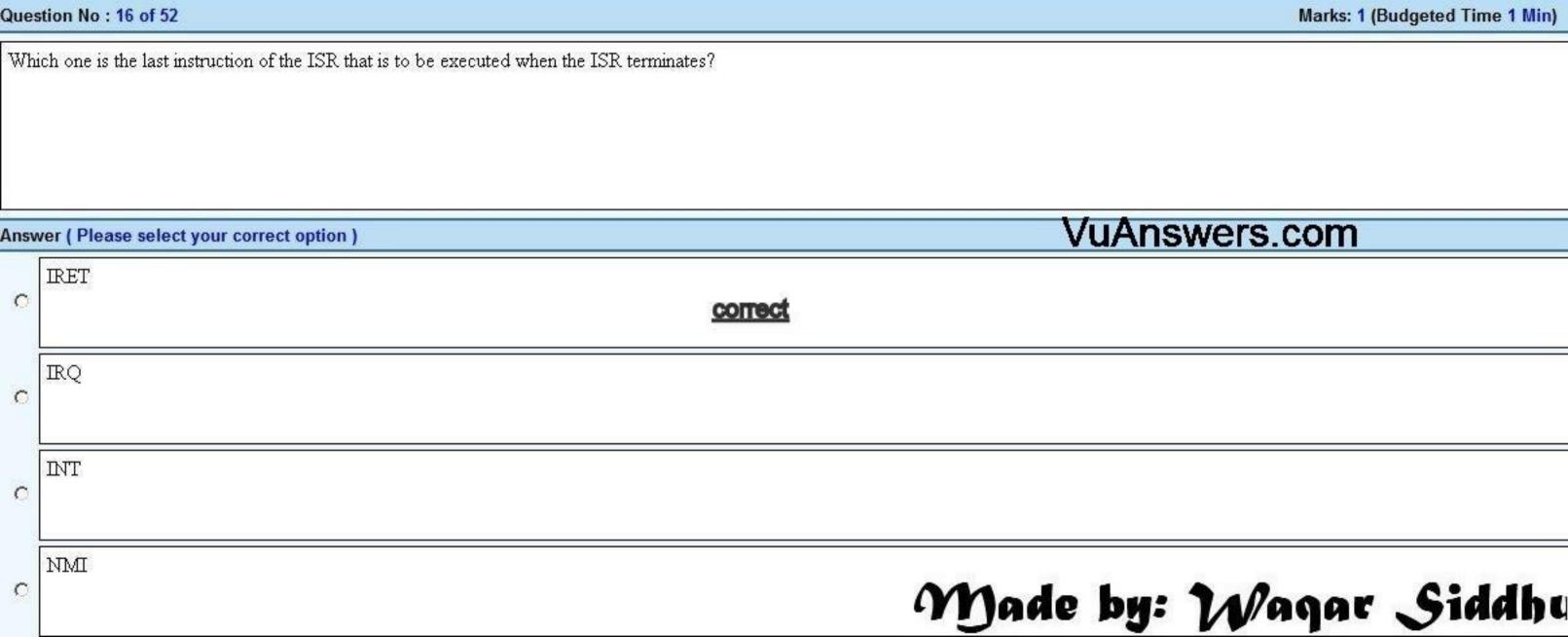


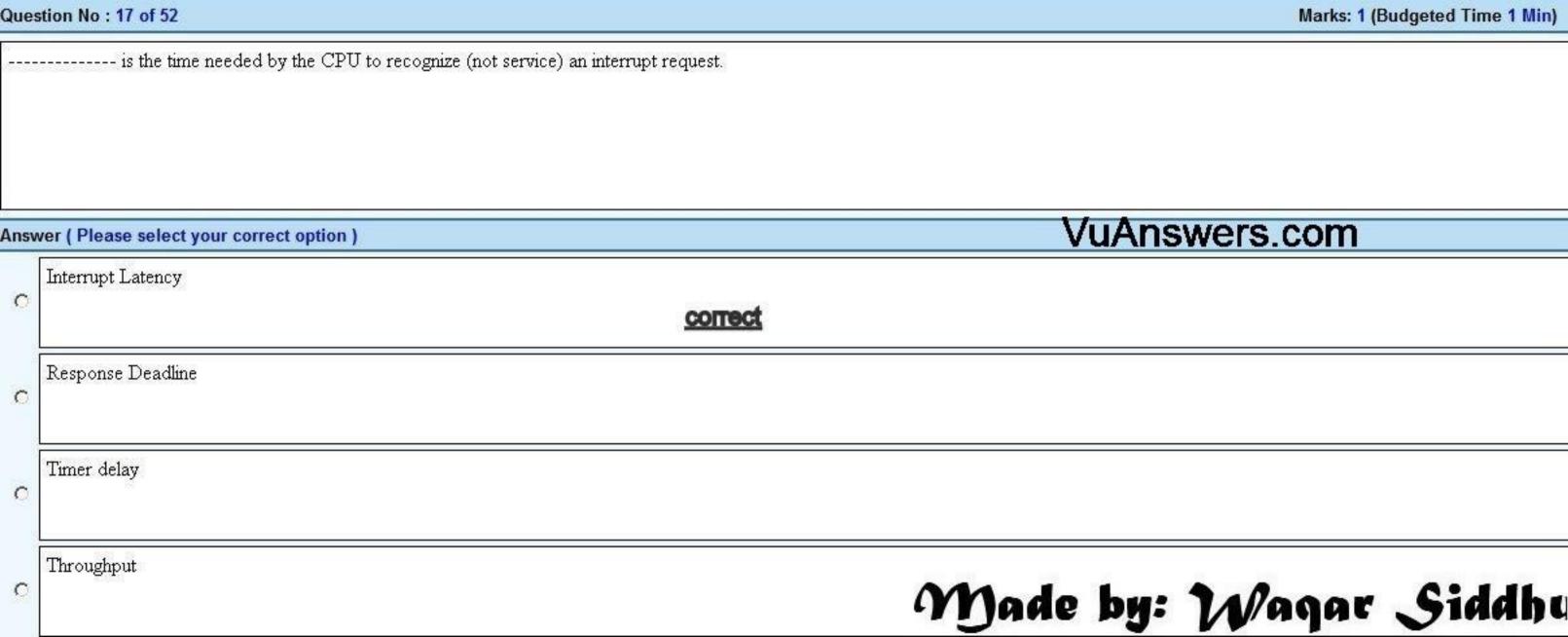








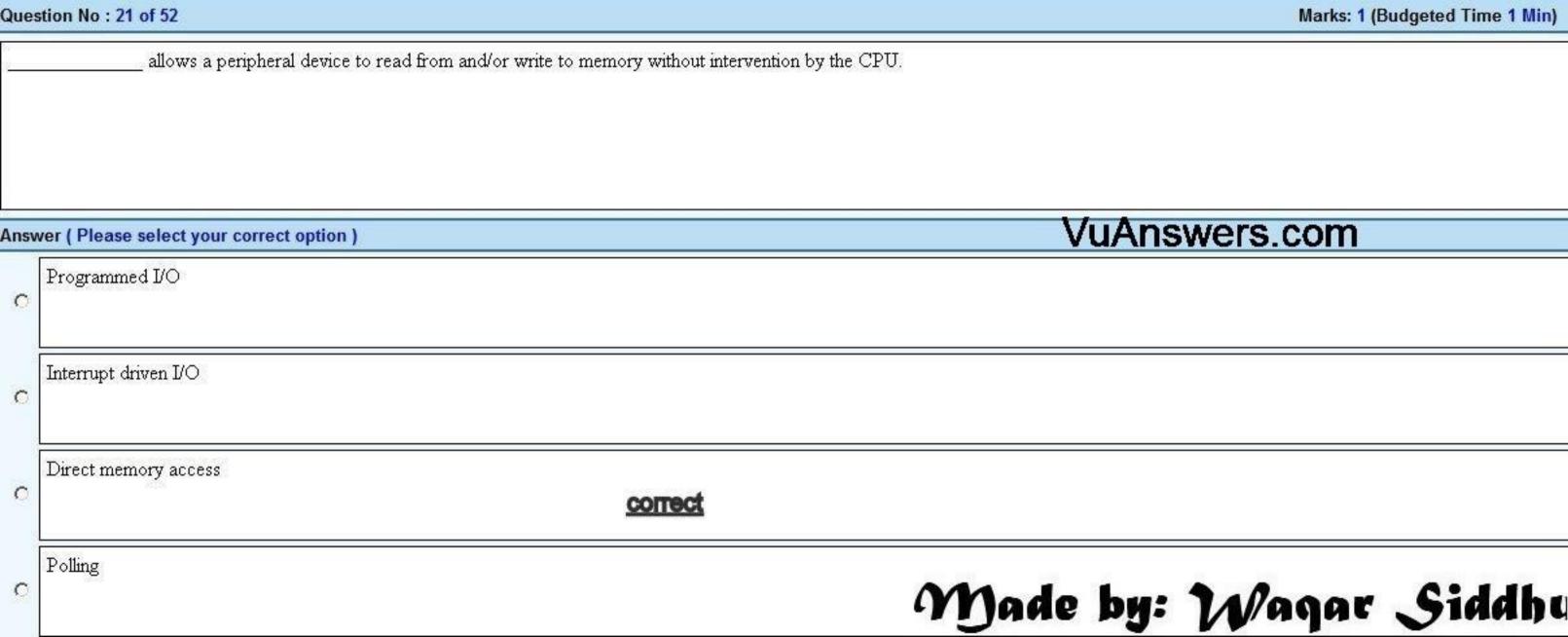




Que	stion No : 18 of 52	Marks:	(Budgeted Time 1 Min)
In Multiple Interrupt Lines approach, a number of interrupt lines are provided between the _		modules.	
0.			
Ansv	ver (Please select your correct option)	VuAnswers.com	
0	External and Internal		
О	CPU and I/O correct		
0	CPU and Memory		
С	Memory and I/O	Made by: Waqa	Siddhu

Que	stion No : 19 of 52	Marks: 1 (Budgeted Time 1 Min)
Falo	on-A Simulator loads a FALCON-A binary file with a	extension and presents its contents into different areas of the simulator.
Ansv	ver (Please select your correct option)	VuAnswers.com
c	.bin	
0	binfa	correct
c	fa	
С	asmfa	Made by: Wagar Siddho

Que	stion No : 20 of 52	Marks: 1 (Budgeted Time 1 Min)
In I	Direct memory access (DMA), a is needed to control the total activity and to synchronize the transfer of	of data.
9		
Ansv	ver (Please select your correct option)	VuAnswers.com
0	DMA memory unit	
О	DMA controller	
С	Control software	
С	Programmed I/O	Made by: Waqar Siddhu

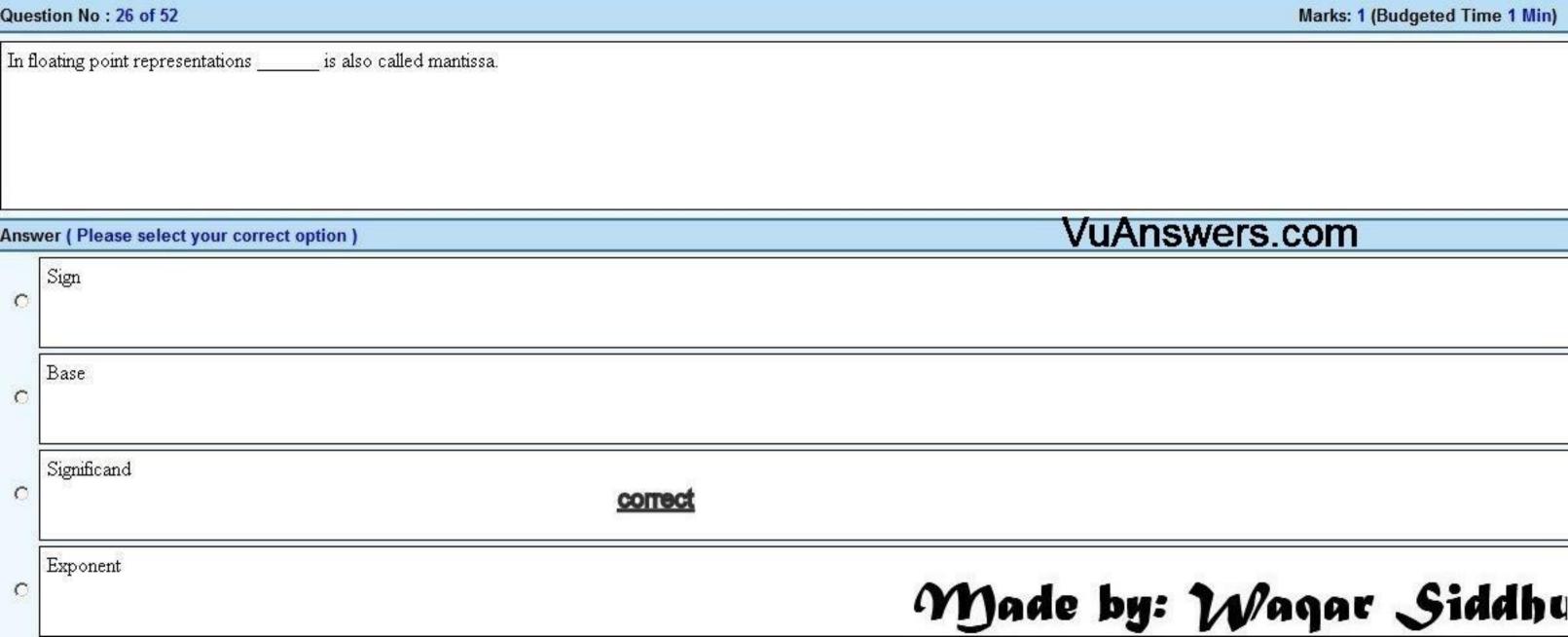


Question No : 22 of 52 Marks: 1 (Budgeted Time 1 Taking control of the system bus for a few bus cycles is known as		Marks: 1 (Budgeted Time 1 Min)
Answer (Please select your correct option)		VuAnswers.com
c	Bus Scheduling	
0	Cycle Stealing Correct	4
С	Cycle Transferring	
С	CPU Scheduling	Made by: Waqar Siddhu

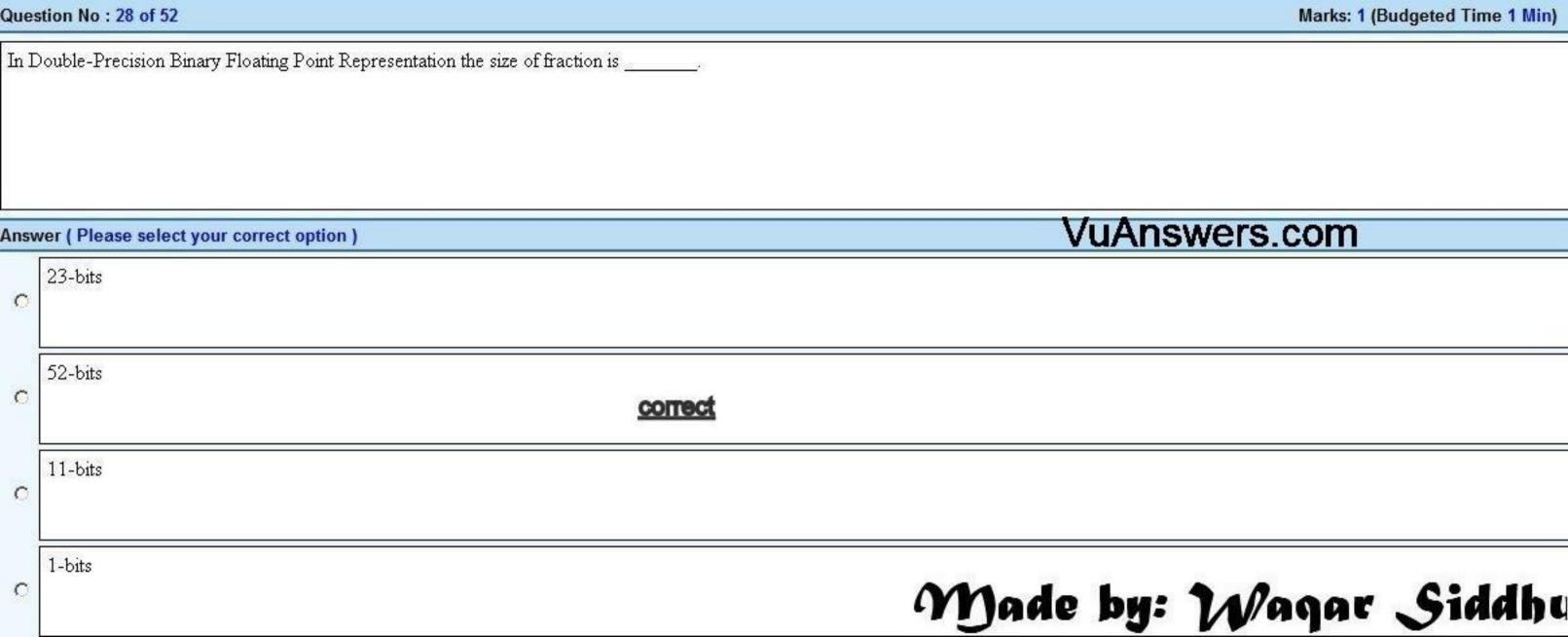
Que	stion No : 23 of 52	Marks: 1 (Budgeted Time 1 Min)
Ас	omponent connected to the system bus and having control of it during a particular bus cycle is called	
Ansv	wer (Please select your correct option)	VuAnswers.com
o	Address decoder	
0	BIOS	
0	Master component	
С	Slave component	Made by: Waqar Siddhu

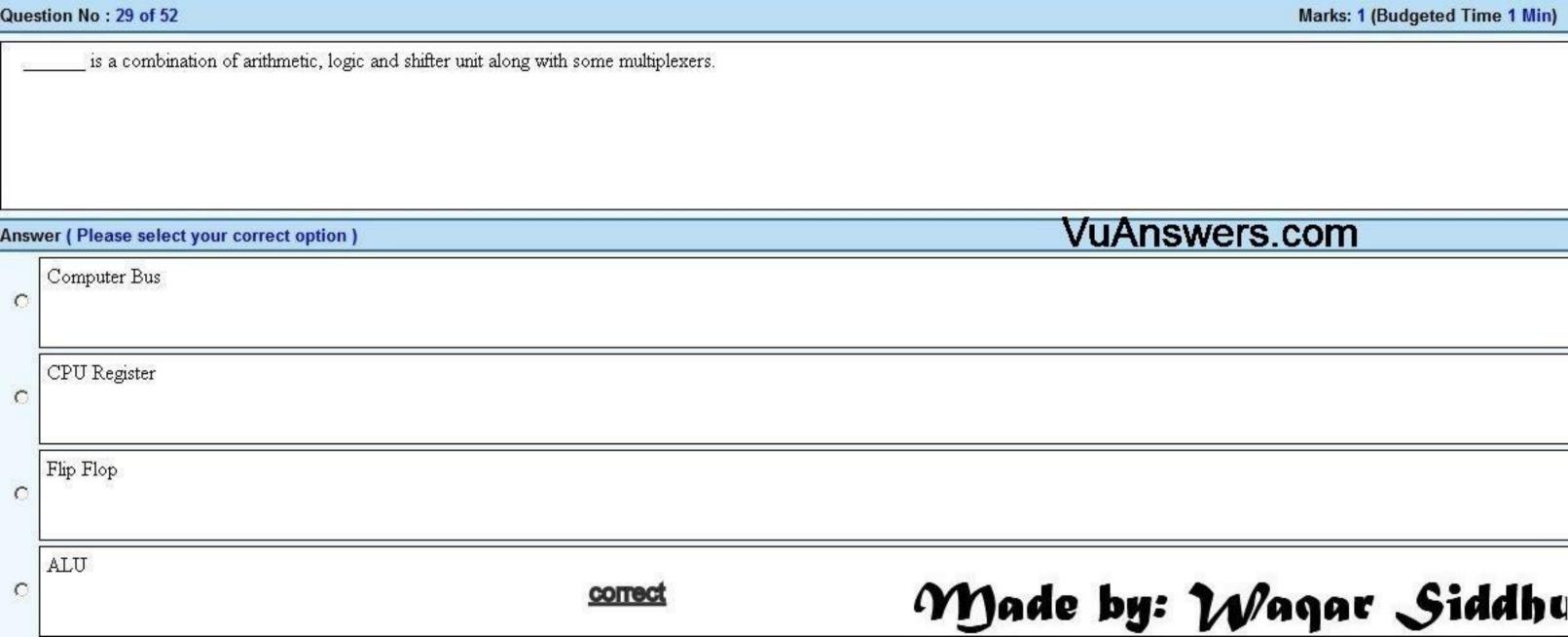
Question No : 24 of 52		Marks: 1 (Budgeted Time 1 Min)
CR(C hasoverhead as compared to Hamming code.	
Answer (Please select your correct option)		VuAnswers.com
c	Equal	
0	Greater	
С	Lesser	4
С	Absolutely no	Made by: Waqar Siddhu

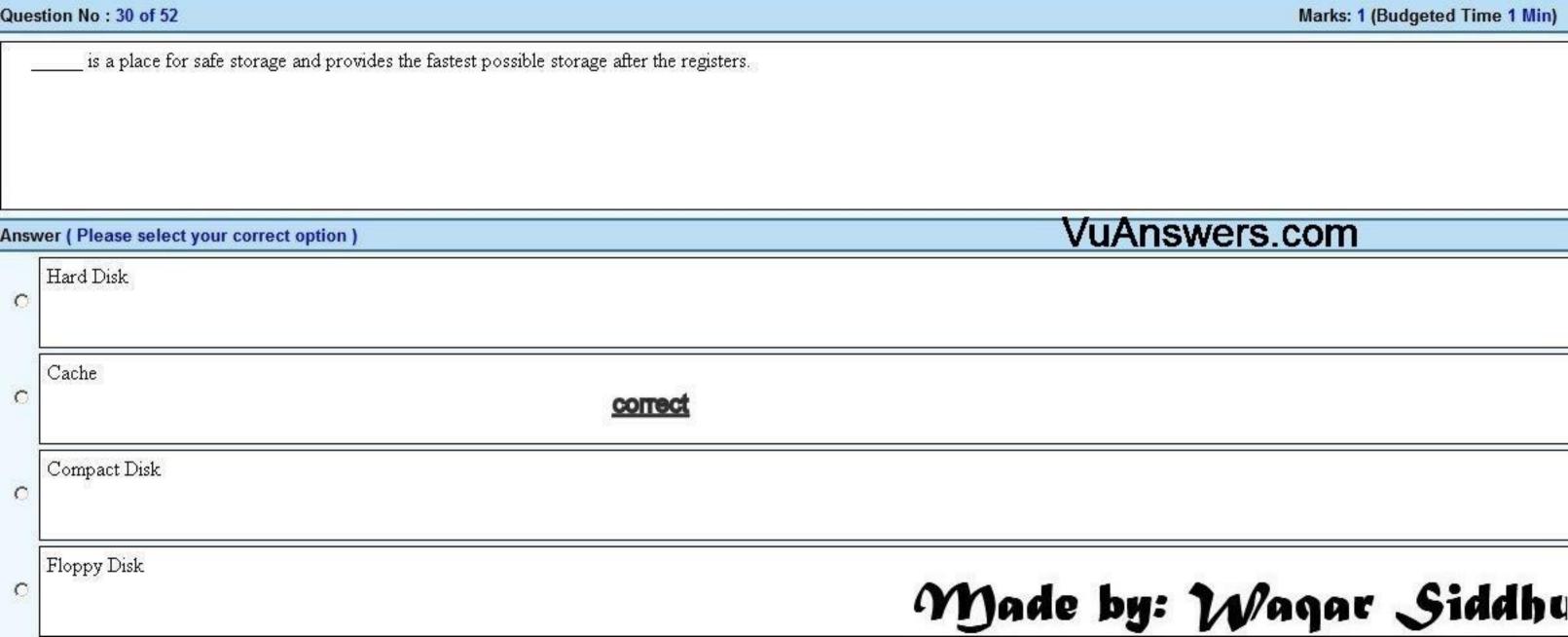
Question No: 25 of 52 We represent e^instead of e to show We represent e^instead of e to show		Marks: 1 (Budgeted Time 1 Min)	
Λneι	wer (Please select your correct option)	VuAnswers.com	
Allav		VU/TISWCIS.COITI	
0	Sign Magnitude Form		
0	Radix Complement Form		
C	Diminished Radix Compliment Form		
c	Biased Representation <u>correct</u>	Made by: Waqar Siddhu	

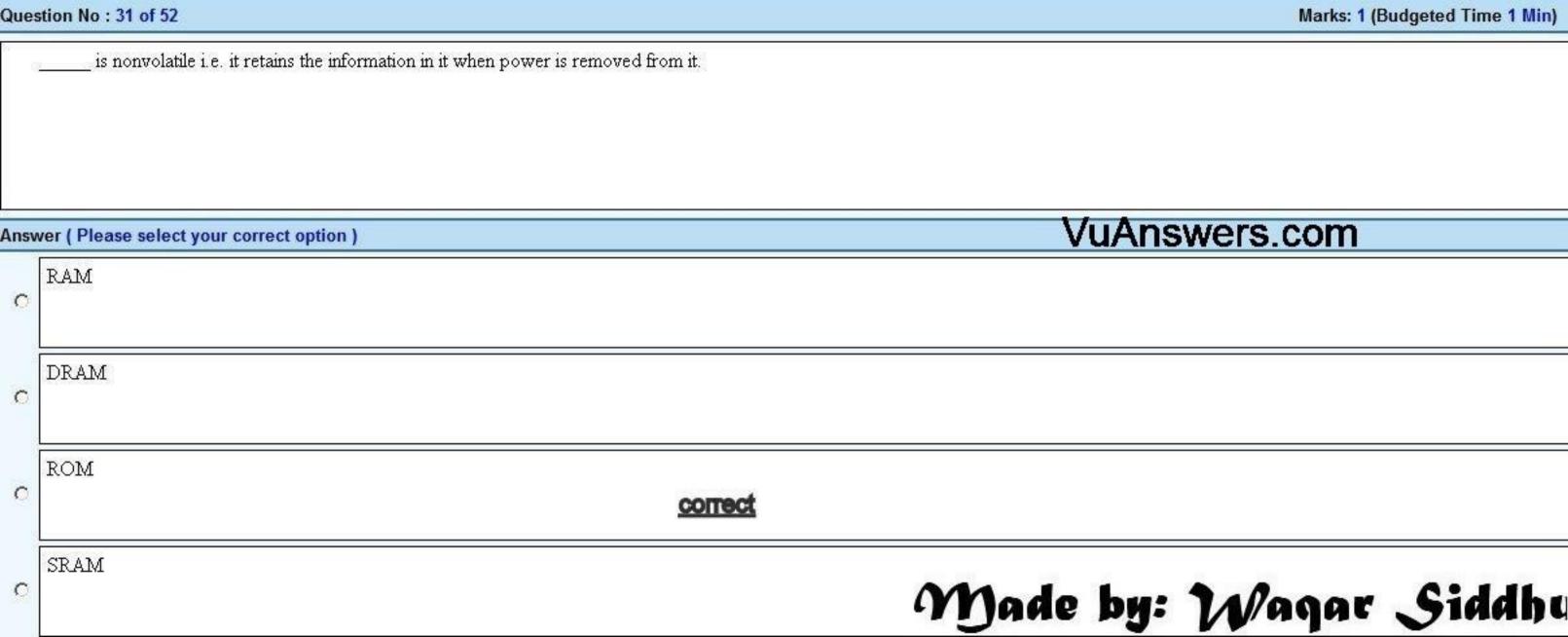




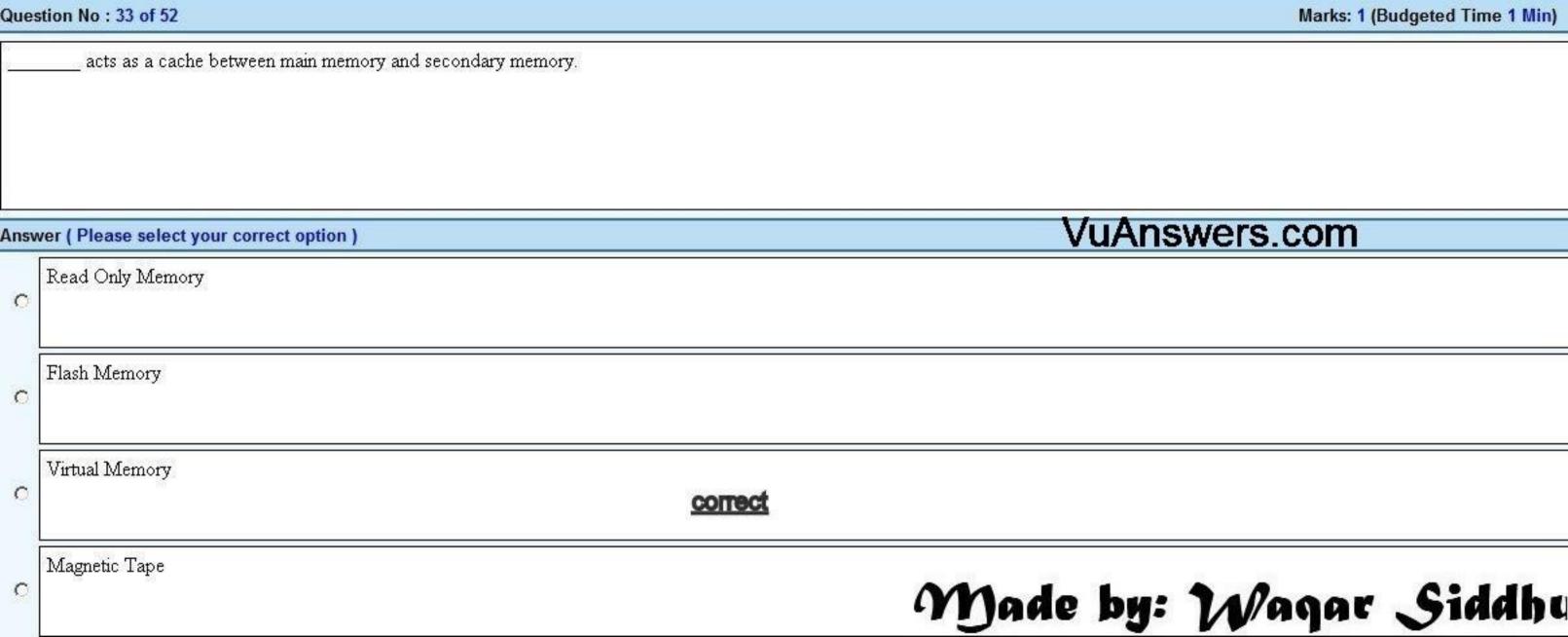


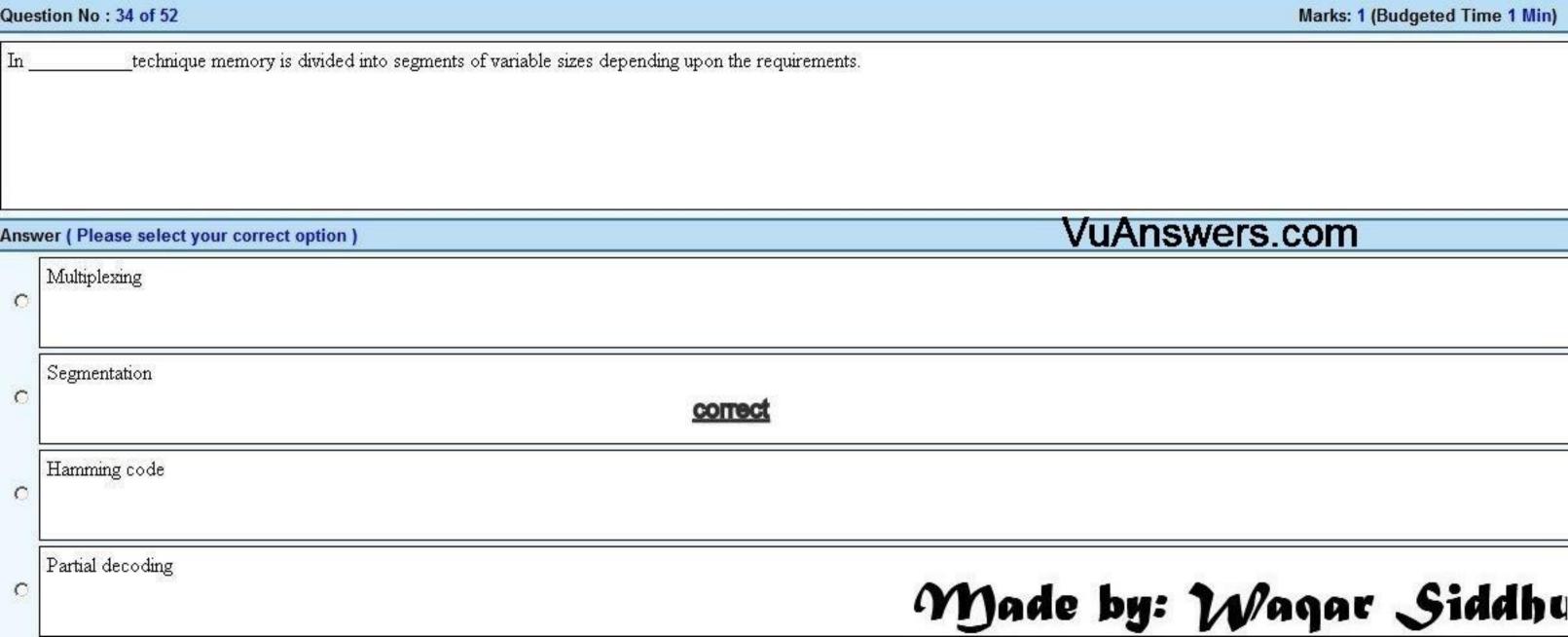


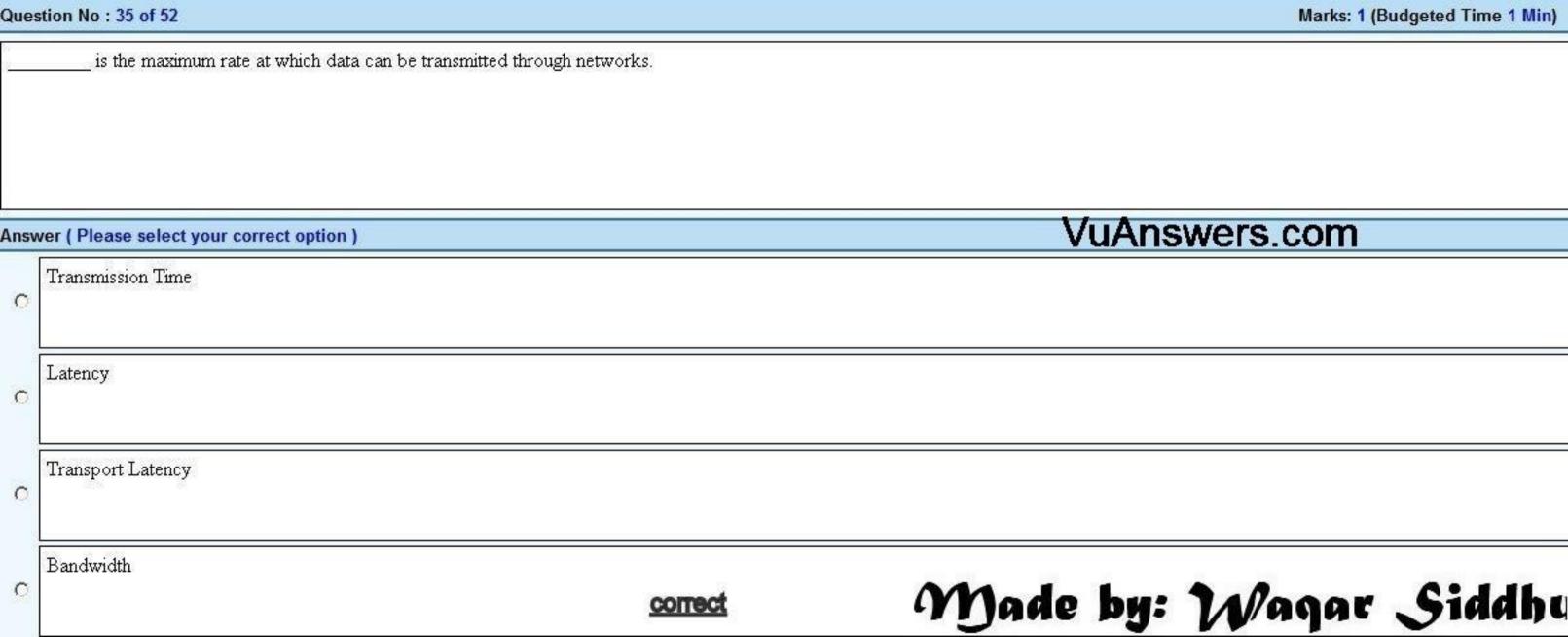


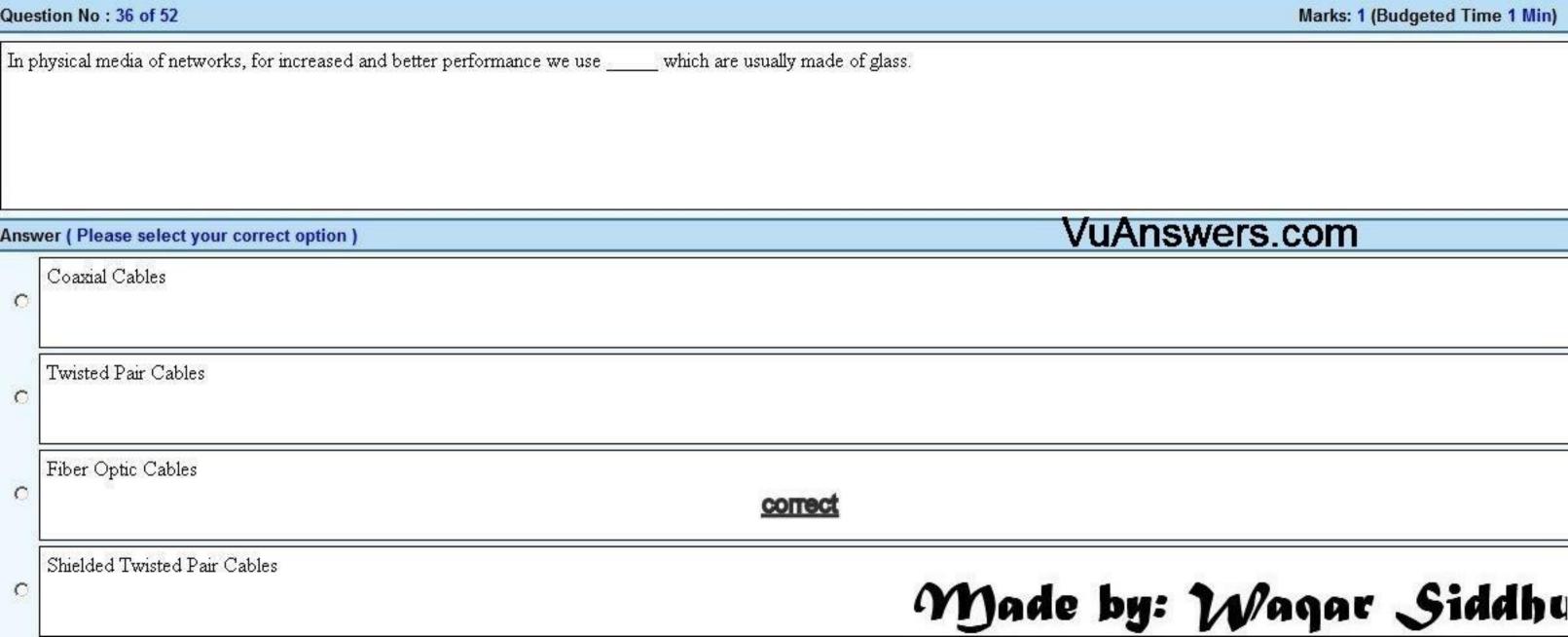


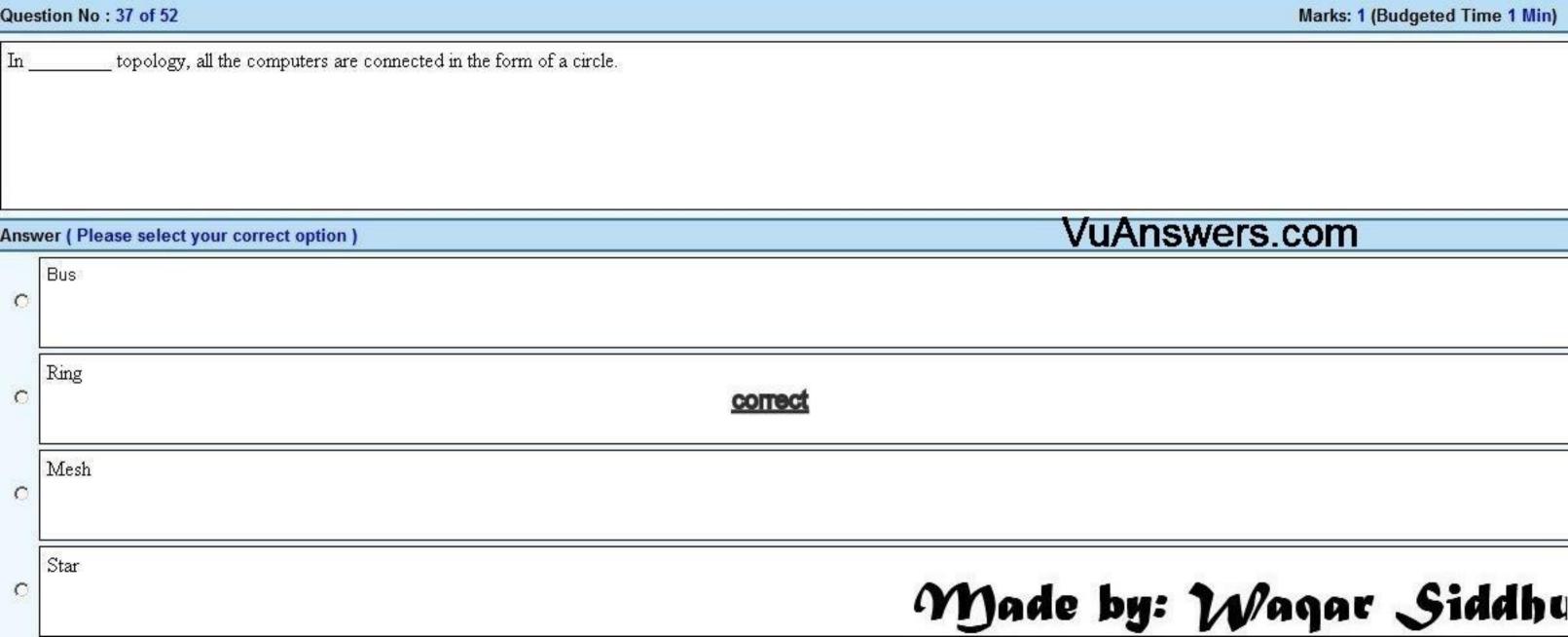
Question No : 32 of 52		Marks: 1 (Budgeted Time 1 Min)	
Bas	sed on the statistical results, the cache block which has been least used in the recent past, is replaced wi	h a new block. This technique is called	
Ansv	wer (Please select your correct option)	VuAnswers.com	
0	Always Replacement		
С	Random Replacement		
0	LFU (Least Frequently Used)		
С	Write Allocate	Made by: Wagar Siddhu	

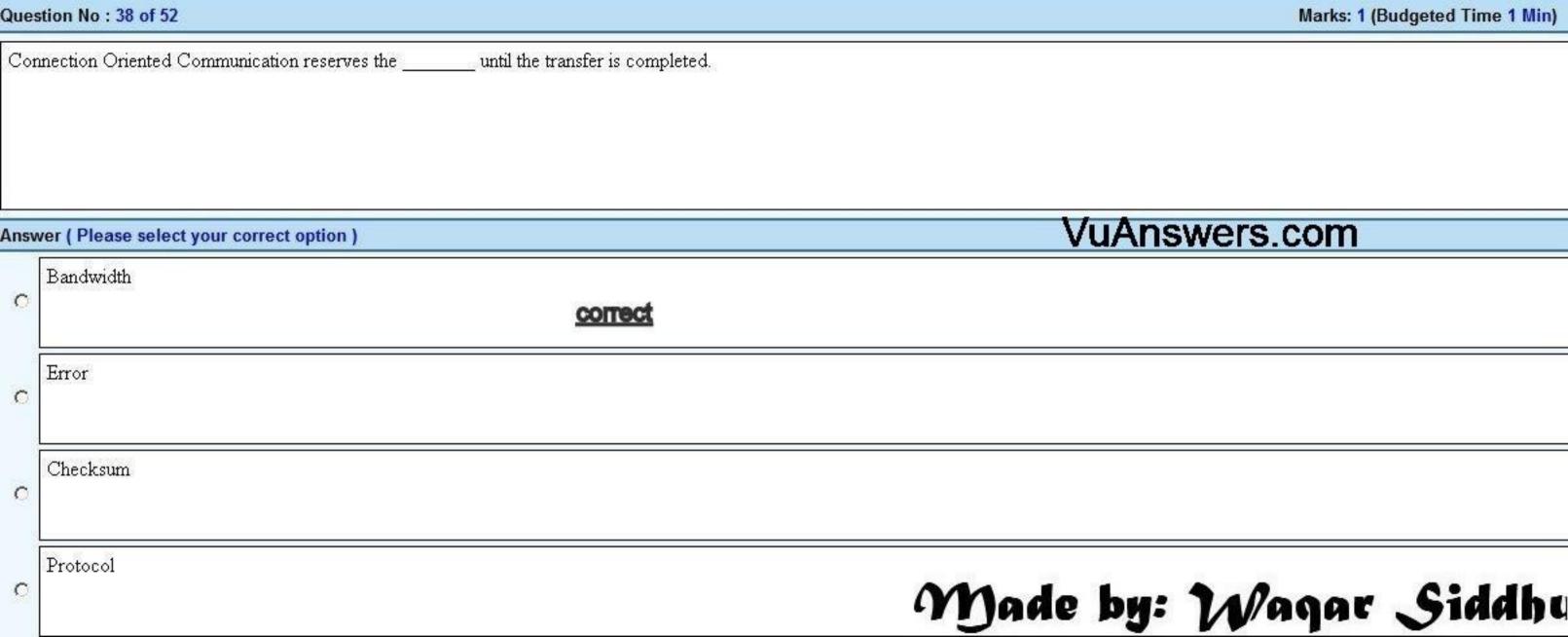












Question No : 39 of 52		Marks: 1 (Budgeted Time 1 Min)
In c	onnection-less communication message is divided into	
Λ		VuAnewore com
Ansv	ver (Please select your correct option)	VuAnswers.com
С	Tracks	
С	Sectors	
c	Platters	
С	Packets <u>correct</u>	Made by: Waqar Siddhu

Question No : 40 of 52		Marks: 1 (Budgeted Time 1 Min)
SPA	ARC (Scalable Processor Architecture) is an example ofarchitecture.	
Ansv	ver (Please select your correct option)	VuAnswers.com
c	CISC	
О	RISC <u>correct</u>	
o	SRC	
С	FALCON	Made by: Waqar Siddhu

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