Name			
ranic			

TRUE/FALSE. Write 'T' if the statement is true and 'F' if the statement is false.				
1) Software is a collective term for the instructions computers perform to implement applications.				
 ARM (Advanced RISC Machine) is a standard processor that is often used as a component of consumer devices. 	2)			
3) The computer first digitized the U.S. census data in 1980.	3)			
4) The camera in a smart phone can be classified as an input device.	4)			
5) The early computer, ENIAC, weighed thirty tons.	5)			
6) Transistors helped advance computing because they increased the complexity of the assembly process.	6)			
7) Writing software is the job of programmers and software developers.	7)			
8) If a device does not have a keyboard attached to it, it cannot be considered a computer.	8)			
9) In software, the agent is anything that can follow instructions.	9)			
10) In computing, all data is represented by numbers, regardless of whether the data is stored in memory, on a hard disk, in the cloud, or anywhere else.	10)			
11) Describing a technical problem with the right words helps to facilitate a speedy answer from tech support.				
12) There is normally only one unique way to solve every computational task.	12)			
13) Only a computer can use digital information.				
14) An integrated circuit contains, among other things, transistors.	14)			
MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the ques	tion.			
15) A precise, systematic way to produce a specified result is a(n)A) algorithmB) abacusC) computationD) agent	15)			
16) Booting a computer means to	16)			
A) start the computer B) run a program from the hard disk C) restart the computer D) None of these				

1/) In the story of the tor	toise and the hare, the ab	straction is		1/)
A) that speed is deceiving		B) that slow and steady wins the race		
C) the hare		D) the tortoise		
18) Understanding how	the pedals on your bicycle	e transfer power to the wh	eels	18)
A) is a generalization		B) is an algorithm		
C) makes you oper	ationally attuned	D) is an abstraction		
19) Using ROY G BIV to remember, in order, the colors of the rainbow as red, orange, yellow, green, blue, indigo, and violet is an example of a(n)			19)	
A) algorithm	B) abstraction	C) generalization	D) mnemonic	
20) The central idea or co	oncept, removed from a si	tuation, is called		20)
A) abstraction	B) generalization	C) interaction	D) information	
21) A simpler way to say works to simplify its		at we know about how a	device or system	21)
A) generalize		B) use a mnemonic		
C) be operationally	attuned	D) use an abstraction	1	
22) Rebooting a compute	er means to			22)
A) run a program f	rom a hard disk	B) start the compute	r	
C) restart the comp	outer	D) None of these		
23) The Basic Input/Outp	out System (BIOS) is store	d on a microchip called th	e	23)
A) flash memory p	ackage	B) kernel		
C) boot ROM		D) ARM processor		
24) When an integrated of	circuit is manufactured			24)
•	ated consecutively by typ then all the rest	e: first created are the ope	rational units, then the	
B) the circuit is cut	into a silicon chip by a m	icroscopic drill bit		
C) a complicated ci	rcuit is created as a unit,	with all parts created toge	ther	
D) many small par	ts are assembled by firing	them onto a silicon chip		
		ts were used, memory was	s made	25)
	anding wave on a tightene	ed electrical wire		
B) by using a singl				
	y magnetic "donuts" onto			
D) by a process of p	orinting bits, similar to fil	m photography		
26) The first production application of digital information was			26)	
	bulation for the 1890 US	Census		
B) the ENIAC com	•			
•	the transistor at Bell Labs			
D) the use of vacuu	ım tubes for calculations ı	needed by the US Army		

	27) The ARM is a		27)
	A) variety of boot ROM	B) type of processor	
	C) type of software	D) brand of microwave oven	
	28) Select all that apply. Which of the following are a	dvantages of transistors over vacuum	tubes? 28)
	A) Transistors are more reliable than vacuum tu	ubes.	
	B) Transistors can be used alone while vacuum	tubes must be used in pairs.	
	C) Transistors are smaller than vacuum tubes.		
	D) Transistors use less power than vacuum tub	es.	
SHO	RT ANSWER. Write the word or phrase that best cor	mpletes each statement or answers th	e question.
	29) is the physical implementation of a com	nuter usually electronic and	29)
	includes the processor, memory, and, typically, it	•	
	morados mo prossessi, momery, and, typisany, n	o por iprior an actions.	
	30) are algorithms that have been specialize	ed to a specific set of conditions and	30)
	assumptions and (usually) are written in a specifi	•	
	assamptions and (assamy) are written in a speem	o programming language.	
	31) is the collective term for computer prog	rams	31)
	31) is the concentre term for computer prog	rams.	
	22) In tech speak processor is a synapym for		22)
	32) In <i>tech speak</i> , processor is a synonym for	•	32)
	22) A(a)	-t	22)
	33) A(n) is a series of layers of programs that	at support user applications.	33)
	0.00 TI		0.4)
	34) The agent that runs an algorithm may not be a co	mputer. Often it is a(n)	34)
	instead.		
			0.5)
	35) A(n) is a block of silicon in which active	and connective parts are fabricated	35)
	together.		
	24) Computers can be found		24)
	36) Computers can be found		36)
	27) To apply your knowledge of house device works		27\
	37) To apply your knowledge of how a device works	as an aid to simplifying its user	37)
	means to be		
	20) The word compart of boundaries will be five a	mucho d cinquito and lavared a five	20)
	38) The replacement of hardware with software, integrated and all techniques to	grated circuits, and layered software	38)
	are all techniques to		

Answer Key

Testname: UNTITLED1

- 1) TRUE
- 2) TRUE
- 3) FALSE
- 4) TRUE
- 5) TRUE
- 6) FALSE
- 7) TRUE
- 8) FALSE
- 9) TRUE
- 10) TRUE
- 11) TRUE
- 12) FALSE
- 13) FALSE
- 14) TRUE
- 15) A
- 16) A
- 17) B
- 18) C
- 19) D
- 20) A
- 21) A
- 22) C
- 23) C 24) C
- 25) C
- 26) A
- 27) B
- 28) A, C, D
- 29) Hardware
- 30) Programs
- 31) Software
- 32) computer
- 33) software stack
- 34) person
- 35) integrated circuit
- 36) everywhere
- 37) operationally attuned
- 38) reduce the impact of complexity