-		
ı		
ı		

1.	The ROM and RAM differ in that the RAM can store more data purposes. What are 2 other differences that you can list about			
				[2]
2.	Sandy argues that virtual memory is great at speeding up a coright? Explain below.	mputer. Do you	think she's	
				[5]
3.	Sallyanne has countered Sandy's point and said that rather that would be better to upgrade and increase the amount of RAM. improve a computer's performance.			
				[2]
4.	Here are some statements about the CPU of a computer.  Tick one box in each row to show whether each of the following	ng statements is	true or fals	e.
	Statement	True	False	
	The ALU is a register			

Statement	True	False
The ALU is a register		
The Control Unit directs and coordinates all computer		
operations.		
Each core in a CPU can process data independently from		
the others		
CPU Cache is a smaller memory bank than RAM		
The registers can individually store more data than the CPU		
cache		

	Daniel wants to upgrade form a magnetic hard disk to a solid state hard disk for secondary storage. What are 2 advantage and 2 disadvantages to this?					
Advantages:						
Disadvantages:						
. Complete the blanks for th stage of instructions.	Complete the blanks for the statement below explaining how a CPU processes the fetch					
Possible words to use: CIR, ALU, MAR, PC,	Possible words to use: CIR, ALU, MAR, PC, Address Bus, CU, Data Bus, Control Bus, MDR, Accumulator					
The stores th	The stores the address of the next instruction to be carried out. This value is					
then copied into the	then copied into the The instruction held at the memory address is copied					
over to the transferred along the The instruction is copied over						
to the and th	ne	then ir	structs the PC	to increment I	oy 1. [(	
7. Complete the following table to state which form of storage is most appropriate for each purpose.						
Purpose	RAM	ROM	Register	Secondary Storage	Flash Memory	
Stores instructions to						
boot the computer Can be used to store						
files portably						
Stores currently						
software and data while the computer is running						
Stores OS, Software and						
saved files						
Stores data or						
instructions during the FDE cycle						
1					[!	

