Coı	mp 4735 Quiz 1 (practice)	Name:	Student #:	Set:		
Plea	ase write your answers in the	boxes at the right.				
1)	Which type of system(s) support resource sharing (select all correct answers)? a) Batch systems					
	b) Timesharing systemsc) DOS systems					
	d) Linux systems					
2)						
	a) A file system on a floppy diskb) Data stored on a USB flash drivec) The execution of several threads in a single-core CPU					
	c) The execution of severald) The execution of two threee) The allocation of memory	eads in a hyper-thread	ed CPU			
3)	The purpose of resource abst a) To allow portability acros b) To hide device-specific d c) To make the OS more vis d) To provide system calls f	ss different types of ha etails of the underlyin sually appealing to use	ardware g hardware ers			
4)	Which of the following four system call to start an I/O de a) The context of the curren b) The CPU writes a device c) The OS writes the PSW t d) The TRAP instruction sw	vice? tly executing process specific command to o switch the CPU to U	the device controller Jser mode			
5)	Time-sharing systems evolve a) True b) False Justification:	ed to allow multiple ba	atch jobs to share a single CPU?			
	Note: provid	le a short justification for	your answer only if you answer 'false'.			

Note: provide a snort justification for your answer only if you answer false .

... continued on next page ...

Comp	o 4735 Quiz 1 (practice)	Name:	Student #:	Set:
	Decode Encode Execute	vare operation is not par	t of the basic cycle of every CPU	?
	Core 1 Core 2 L2 cache Core 3 Core 4 figure 1			
ex a) b)	xecuting two processes. Whi only one thread can actual the two threads are being	ch one of the following lly be executed at a time hyper-threaded		
	the two threads are execut the two threads share the			
co a)	Which of the following is responded an I/O operation? bios	ponsible for informing the	he CPU when a device has	
c) d) e)	interrupt controller			
9) W a)	Which of the following Unix-	like systems uses a micr	ro-kernel design?	
b) c) d)	Minix Multics			
ĺ	Thich of the following Wind	ows versions cannot run	win32 application?	
b)				
c) d)	Windows ME Windows XP			
e)	Allow the above can run	Win32 applications		