Comp	0 4/35 Quiz 2 (Practice)	Name:	Student #:	Set:
	handles for open files process ID process state program code (binary)	tion is stored in the proces	ss table or process control block? (s	elect all
2) A a) b) c) d)	only when the CPU is runniany time, memory access de	ing in user mode ing in kernel mode oes not depend on CPU Pr	rocessor Mode	
	file system typically allows a gure 1? True False Justification:		multiple directories, as shown in	-
	Thich of the following devices orrect answers) cpu disk drive laser printer lcd monitor		ock special file on a Unix system? (select all
5) A a) b) c) d) e)	Flags to indicate if a proces Trusted code that is only ex All of the above	make use of privileged ins	or supervisor mode	

Comp	4735 Quiz 2 (Practice)	Name:	Student #:	Set:		
			n an application program makes a ur answer (eg: d c b a e) in the answer b	oox.		
a)	a) a device driver reads data from the input device					
	b) the processor is switched from user mode to supervisor mode					
(c) the Processor Mode bit is reset to indicate user mode					
d)		is dispatched via the trap tab	ile			
e)		•				
	Which of the following Operating System design strategies organizes the operating system into a hierarchy of layers?					
	client-server model					
	exokernels					
	layered systems					
d)						
e)						
f)	virtual machines					
	onsider the code shown below is code is executed?	. How many times is the mes	sage "I am a child" printed when			
	<pre>main { int i;</pre>					
	int pid;					
	for (i=0; i<2; i++) {					
	<pre>pid = fork(); if(pid == 0)</pre>					
		child. \n", pid);				
	else printf("I am pro	ocess %d\n", pid);				
	}	, F=u,,				
	}					
9) W	Thich one of the following Uni	x system calls is roughly equ	ivalent to the Win32 call			
	etFilePointer?					
a)	stat					
b)	sfptr					
	lseek					
d)						
ŕ						
10) C	onsider the command: grep	main *.c sort w	vc -1			
	ocesses utilise inter-process co		e, three processes area created. The information with each other.			
a)						
b)	False					
	Justification:					

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