Quiz 1

#	Question	Answer
1	When a process attempts to read from disk, and has to wait for the I/O transfer to complete, what state does it go into?	Blocked
2	Which one of the following aspects of processes can only be implemented with specialised hardware support?	Memory protection
3	Which one of the following signals can processes not ignore or respond to?	SIGKILL (Kill)
4	Which of the following is shared between multiple threads of a process?	Code segment, data segment, file descriptor table
5	Which of the following statements is NOT true of threads?	All processes share the same set of threads
6	The interval from the time of submission of a process to the time of completion is termed as:	Turnaround time
7	Pre-emptive scheduling is the strategy of temporarily suspending a running process:	before its CPU burst is completed
8	Which of the following factors does NOT contribute to the cost of context switching?	Amount of time the process has been running
9	Which one of the following scheduling strategies will NOT lead to starvation?	First Come, First Serve (FCFS or FIFO)
10	In Round Robin CPU scheduling as the time slice is increased the average turn around time will:	go up or down depending on other factors

Results

Samuel Chau

Samuei Chau		
	50 Earned points	13:51 Time for this attempt
Your Answers:		
5 points earned		
When a process attempts to read from disk, and	has to wait for the I/O transfer to comp	plete, what state does it go into?
Ready		
Forked		
Blocked		
Pending		
Running		
(response not displayed)		
_		
Which one of the following aspects of processes Memory protection Process control block Process identifiers The execvp system call File descriptor table (response not displayed)	reall only be implemented with special.	iseu Haruwar e suppor c.
5 points earned		
Which one of the following signals can processes	s not ignore or respond to?	
SIGHUP (Hangup)		
SIGSEGV (Segmentation fault)		
SIGKILL (Kill)		
SIGILL (Illegal instruction)		
SIGINFO (Window size change)		
(response not displayed)		

Spoints serviced Which of the following is shared between multiple threads of a process? Code segment, data segment, stack segment Registers, code segment, data segment, stack segment Code segment, data segment, stack segment Registers, code segment, data segment, stack segment Code segment data segment, stack segment Code segment data Registers, code segment Code segment data Registers, code segment Code segment Registers, code segment Code s		
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to allow starving processes to run before its CPU burst is completed when the CPU time slice expires		when it requests I/O
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		when the CPU time slice expires

8 5 points earned				
Which of the following factors does NOT contribute to the cost of context switching				
Amount of time the process has been running				
Time required to save and restore registers				
Size of the process memory mapping record				
Computational complexity of the scheduling algorithm				
Number of registers (in the CPU)				
(response not displayed)				
9 5 points earned				
Which one of the following scheduling strategies will NOT lead to starvation?				
Shortest Job First (SJF)				
Shortest Time-to-Completion First (STCF)				
Preemptive based on process priority				
First Come, First Serve (FCFS or FIFO)				
All of the above strategies may lead to starvation				
(response not displayed)				
10 5 points earned				
In Round Robin CPU scheduling as the time slice is increased the average turn around time will				
slowly decrease				
slowly increase				
○ remain constant				
increase linearly with the value of time slice				
go up or down depending on other factors				
(response not displayed)				