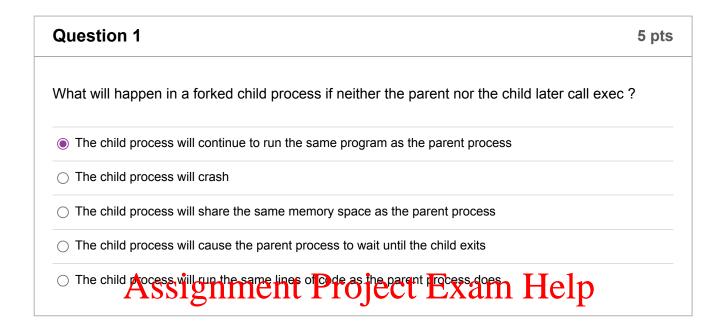
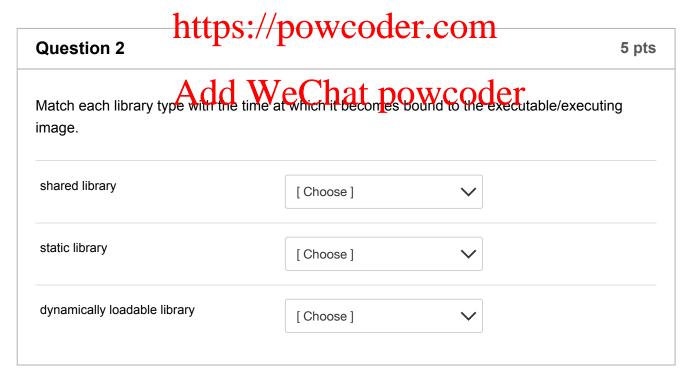
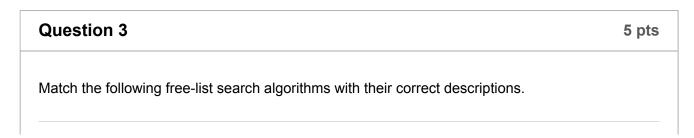
Sample midterm exam

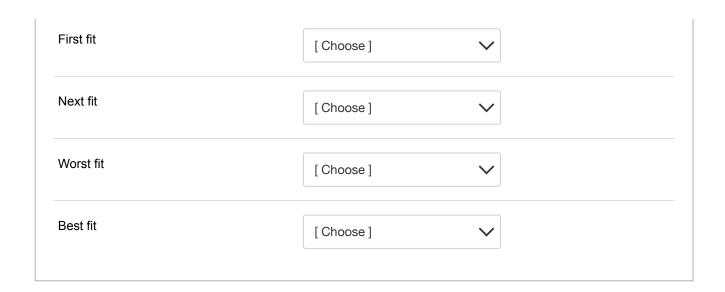
Started: Apr 28 at 7:13am

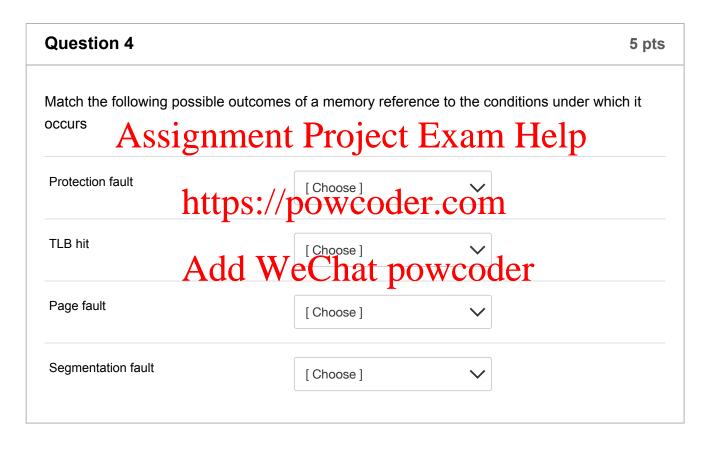
Quiz Instructions

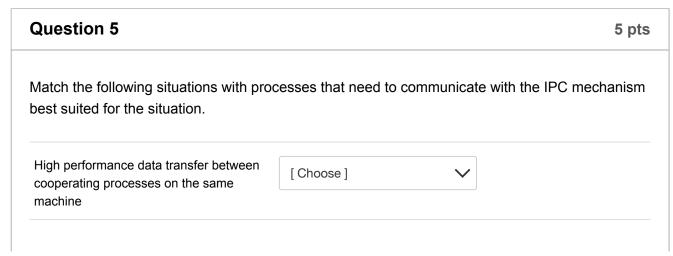


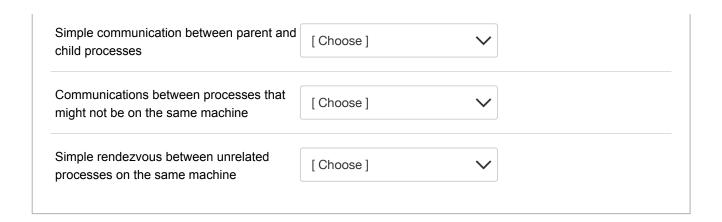


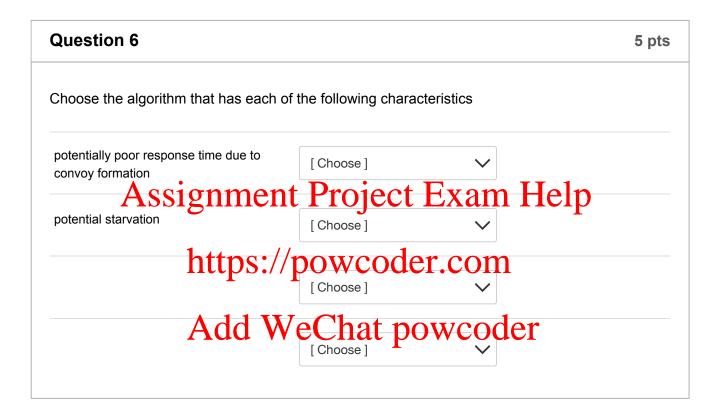


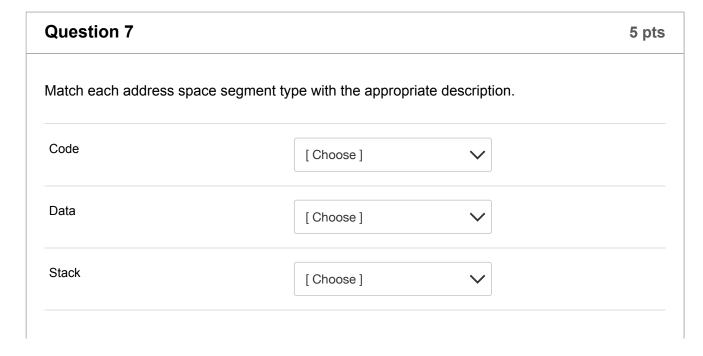




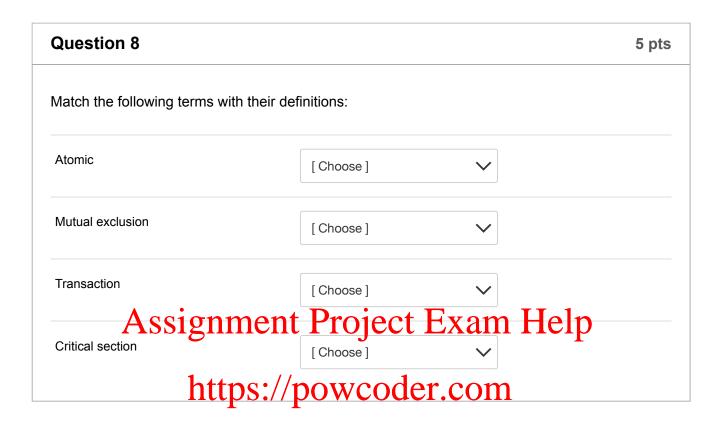












Which of the following would likely be included in an ABI specification? Choose all correct answers. | data type size, layout, and alignment | exception propagation mechanism | load module format | associated include files | system call invocation mechanism | routine names | parameter meaning, order, and types | return type and values

Question 10	pts
Given a set of pages, which will Belady's Algorithm choose?	
○ the page that has been referenced most recently	
○ the page last referenced least recently	
○ the page referenced least frequently	
Question Assignment Project Exam Help 5	pts
Which of the following are characteristics of base/bounds relocation? <pre>https://powcoder.com</pre>	
Base and bounds values are stored in hardware registers.	
☐ The segment size cannot be changed after the change to be the change of the change	
It cannot handle a situation where a segment swapped out from one location is swapped back in to a different location.	
☐ It can be used for code and/or data	
☐ The compiler/loader generates all addresses as offsets, relative to the start of the segment.	
☐ Base and bounds registers can typically be loaded with ordinary instructions.	
Question 12	pts
Which of the following are true statements about the relationship between real-time schedulin and traditional time-sharing?	ıg
☐ Some hard-real time applications do not even require a scheduler.	

☐ Starvation is an acceptable outcome	
Assuring low response time will probably require accepting a low CPU utilization.	
☐ The most important performance metric is mean response time.	
In most cases, we can achieve adequate timeliness by simply giving a high priority to the hard real time processes.	_
Question 13 5 pt	S
Which of these is the best definition for coalescing?	
☐ The recombination of adjacent free memory chunks.	_
☐ A variable partition free-list management technique to counter internal fragmentation.	
□ Adding memory back to the free list after it Pro longer needed. Exam Help □ Maintaining a free list sorted by address.	_
Combining all free are a perfectly by moving allocated settlements to new locations.	_
Add WeChat powcoder 5 pt	S
Which of the following is true of the cooperative approach to process switching?	
☐ The operating system cannot ensure that misbehaving processes give up the CPU	
☐ Processes switch when the operating system tells them to	
 □ Processes switch when the operating system tells them to □ Processes switch when they have exceeded a time limit they set when they start executing 	
☐ Processes switch when they have exceeded a time limit they set when they start executing	
 □ Processes switch when they have exceeded a time limit they set when they start executing □ Processes negotiate with each other on when each should release the CPU and who should get it next. 	
 □ Processes switch when they have exceeded a time limit they set when they start executing □ Processes negotiate with each other on when each should release the CPU and who should get it next. 	5

່ a physical _l again	page whose contents have changed, and must be restored from disk before they can be used
	page that has experienced multiple correctable read errors and should no longer be trusted
⊜ a physical ເ	page that has been removed from service due to an uncorrectable read error

Question 16	5 pts
Which of the following might be included included in the OS-managed process state?	
□ memory	
general redistrissignment Project Exam Help	
stack	
open files https://powcoder.com	
☐ L3 cache contents	
□ Processor cores Add WeChat powcoder	
☐ Screen Saver timeout	

Question 17	5 pts
Which of the following is the best definition for external fragmentation?	
○ Free memory chunks become so small as to be useless	
Memory cannot be allocated due to unused memory chunks that are not on the free list	
Memory consists of fragments of physical memory not yet assigned to any process	
Memory is unusable because the OS allocated a chunk larger than required.	
 A condition leading to free list searches taking increasingly long because of the number of entries or free list. 	1 the

Question 18	5 pts
How can the OS ensure that it regains control to enforce time-sharing if a process refuses yield?	to
 Schedule timer interrupts, which will force reentry into the operating system. 	
Wait for the process to make a system call, which will force reentry into the operating system.	
○ Wait for an I/O interrupt, which will force reentry into the operating system.	
○ The operating system is always in control of the computer and can preempt any process at any tim	e.
 Swap the process out to secondary storage, so that it can no longer run. 	
Assignment Project Exam Help	5 pts
Which of the following are true observations about interrupt disables as a means of achiev mutual exclusion? https://powcoder.com	ring
□ It is not possible for user-mode software. □ It may adversely affect system performance. Chat powcoder	
it is effective against multi-processor parallelism	
makes more sense with modern multi-core systems	
☐ It cannot prevent conflicts between different device drivers	
Question 20	5 pts
Major problems for paging	
☐ Page table size	
☐ Speed of address translation	
External fragmentation	

 $\hfill \square$ Protecting users' address spaces from each other

☐ Supporting sparse address spaces		
Quiz saved at 7:22am	Submit Qui	iz

Assignment Project Exam Help

https://powcoder.com

Add WeChat powcoder