

Exam Answers

Question 1 : What is an Operating System (OS)? Explain its primary functions.

Answer : an operating system is an interface between computer, user, hardware and software components.

Question 2 : Describe the difference between a process and a thread. How does thread management improve system performance?

Answer : your process is a program that can execute from the shared cpu to executions, while the thread is a segment of the process. so each process can have a multiple threads.

Question 4 : What is virtual memory? How does it work, and what are its advantages and disadvantages?

Answer : a deadlock is a common problem in operating system where the two are more process can run concurrently. in order to solve this problem one process has to be right enter the other process have been.

Question 5 : Explain the concept of deadlock in operating systems. What are the necessary conditions for a deadlock to occur, and how can deadlocks be prevented or resolved?

Answer : types of scheduling algorithm first come first is out and priority scheduling.

Question 6 : What are the various scheduling algorithms used in operating systems? Compare and contrast between at least two scheduling algorithms.

Answer : and exam. exam. exam. exactly. take them. in the exam.