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 resources.

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

Answer : a trade is a segment of the process, for each process can have multiple threads.

Question 6 : What is virtual memory? How does it work, and what are its advantages and disadvantages?

Answer : disco file system comma. system.

Question 7 : 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 : that is a segment of the process where each process. thread is the segment of the process for each process can have multiple threads.

Question 8 : What are the various scheduling algorithms used in operating systems? Compare and contrast between at least two scheduling algorithms.

Answer : and exam. exam. exam. exam.