

# Exam Answers

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

Answer : an operating system is an interface between the 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 process is a program that has been executed from the schedule time into the cpu. on the other hand, thread is nothing but the segment of your process, so each process has multiple threads.

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

Answer : a deadlock is basically a problem present as a nature in operating systems where the two are more processors can. or run the program simultaneously.

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 : in the exam. huh.