

Introduction to PC Operating Systems

Test 1 (Takehome)– Part I

Due: March 19, 2012

You are to answer the following four questions. Your answers must be typed, printed and submitted in class on Monday, March 19, 2012.

Your document should consist of:

1. Cover Page
 - a. Course Title
 - b. Paper Title “Test1 – Part I”
 - c. Your Name
 - d. Due Date
 - e. Instructor’s Name
2. Four additional pages each consisting of:
 - a. The question
 - b. Your answer to the question (one half page)
 - c. Your work cited (second half of page)

Note: Each question, answer and work cited for that question should appear on one page

Questions:

1. Discuss the design of an operating system in a mainframe environment.
2. Explain what happens when the CPU is interrupted.
3. What is the difference between job scheduling and CPU scheduling?
4. Discuss the purpose of dual-mode operation.