

2000 Paper 11 Question 6

Operating System Foundations

Discuss approaches to process scheduling for the following systems.

- (a) A hard real-time system where all processes are defined statically and are periodic with known work-time per period. [4 marks]
- (b) A shared system which runs applications controlled interactively by users. [8 marks]
- (c) A network-attached, multimedia workstation. [8 marks]