Study Guide for Week #16

Note: This is NOT the question list.

#1: What are “real-time systems”?

#2: What is “hard real-time” system? What is “soft real-time system”?

#3: What is “determinism”?

#4: What is “responsiveness”?

#5: What make “determinism” hard to guarantee (mention at least two)?

#6: What make “responsiveness” hard to guarantee (mention at least two)?

#7: In many real-time process scheduling algorithms, determinism and responsiveness are in a trade-off relationship. Describe how they are in a trade-off relationship.

#8: What is “static real-time scheduling”?

#9: What is “dynamic real-time scheduling”? 