Answer the following questions from the end of Chapter 6 about processes and operating systems for embedded applications.

Q6-1. Process rates for different applications
Q6-4. UML Class diagram for a process
Q6-6. CPU utilization
Q6-10. UML sequence diagram of process states
Q6-11. Discussion of blocking/non-blocking communication
Q6-14. RMS scheduling
Q6-15. RMS scheduling
Q6-18. Compare RMS/EDF scheduling
Q6-20. Scheduling with data dependencies (The data dependency graph for this problem is the one immediately below the problem statement for question Q6-21.)