RTOS Questions

1. How is RTOS different from other OS’s?
   1. A RTOS relies on the timing of the output being within the specified constraints.
2. In Soft RTOS is some timing lateness acceptable?
   1. Yes
3. What are the five states of a RTOS?
   1. New, Ready, Running, Waiting and Halted
4. Why is scheduling used?
   1. To maximize CPU utilization among different tasks, minimize time halted
5. Is memory in a RTOS system allocated dynamically?
   1. Yes