

Task: Identify several shortcomings of preemptive priority scheduling algorithms.

- Something can be pre-empted indefinitely
- Context switching is costly
- Starvation
- Aging

### **Round Robin Scheduling**

- ‘Circular’ Queue
- Time quantum (suppose 5 ms)
- Each process has a required burst time

### **Multilevel Queue**

The ready queue is partitioned into several separate queues.

### **Multilevel Feedback Queue**

Different quantum times assigned to different levels of the queue.