Quiz-1

Name: **ID:**

1. How do CPU-bound and I/O-bound processes impact system performance, and how can the operating system effectively manage them?   [3 marks]

2. Find which CPU scheduling is more efficient between priority scheduling and Round Robin in terms of waiting time and context switch. Here quantum time is 5 (q=5).   [7 marks]

Process	Arrival time	Burst time	Priority
P0	12	7	4
P1	4	11	3
P2	1	9	2
P3	8	6	1
P4	15	10	2