

Part B [6 points]

The table at the bottom of the page lists 3 processes in the *Ready state*, along with their **Service Times**.

The charts represent the scheduling of the processes under 3 techniques:

- **FCFS** - First Come First Served
- **RR** - Round Robin
- **SJN** - Shortest Job Next

1) What name is given to this type of chart? [1]

Gantt

2) Identify each of the charts by the scheduling technique it represents. [2]

_____ Round Robin



_____ SJN



_____ FCFS



3) Now use the charts to calculate the Turnaround Time for each technique. [3]

Process	Service Times	Turnaround Times		
		FCFS	SJN	Round Robin
p1	165	165	230	380
p2	65	230	65	215
p3	220	450	450	450

N.B. When required, use a quantum of 50 units.