

## Part B [6 points]

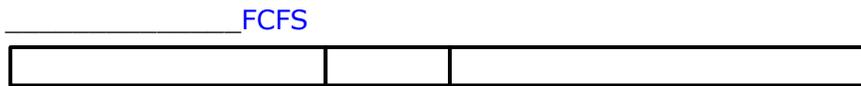
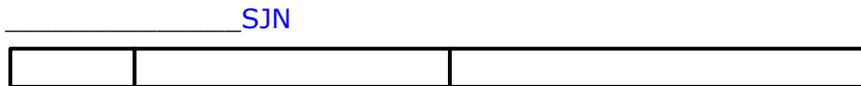
The table at the bottom of the page lists 3 processes in the *Ready state*, along with their **Service Times**.

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 these charts?[1] \_\_\_\_\_ Gantt

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



2) Now use the charts to calculate the Turnaround Times. [3]

Process	Service Time	Turnaround Times		
		FCFS	SJN	Round Robin
p1	33	33	46	76
p2	13	46	13	43
p3	44	90	90	90
		1	1	1

**N.B. Use a quantum of 10 units.**