1. Giving the following processes, every process arrives at different time. The first one being, P1, the second one P2, the third P3, P4, P5 and P6:

Process	Arrive cicle	Time
P1	2	3
P2	1	2
P3	3	1
P4	4	3
P5	0	6
P6	3	4

   (a) Draw the diagram using the following short-term algorithms: FCFS, SJF (ejection) and SJF no ejection and Round Robin (quantum=1s).

   (b) Calculate the return time and the average time for each one.

   (c) Calculate the efficiency for each process and for each algorithm.

   (d) Calculate the waiting time for each process and each algorithm. b)

   (e) Conclusions

2. Giving the following processes, every process arrives at different time. The first one being, P1, the second one P2, the third P3 and P4:

Process	Arrive cicle	Priority	Time
P1	0	2	7
P2	3	1	3
P3	5	3	4
P4	6	2	1

   (a) Draw the diagram using the following short-term algorithms: FCFS, SJF (ejection) and SJF no ejection, Priority algorithm with ejection and no ejection and Round Robin (quantum=1s).

   (b) Calculate the return time and the average time for each one.

   (c) Calculate the efficiency for each process and for each algorithm.

   (d) Calculate the waiting time for each process and each algorithm. b)

   (e) Conclusions