EXERCISE #1

Which performance factor(s) will FCFS (a.k.a., “FIFO”) process scheduling algorithm optimize (select all that apply)? Justify your choice(s).

(a) Throughput (in the # of processes completed)
(b) Response time
(c) Turnaround time
(d) Fairness (how likely/often starvation can happen)
(e) None of the above

EXERCISE #2

Which performance factor(s) will Round-Robin process scheduling algorithm optimize (select all that apply)? Justify your choice(s).

(a) Throughput (in the # of processes completed)
(b) Response time
(c) Turnaround time
(d) Fairness (how likely/often starvation can happen)
(e) None of the above

EXERCISE #3

Which performance factor(s) will SRTF process scheduling algorithm optimize (select all that apply)? Justify your choice(s).

(a) Throughput (in the # of processes completed)
(b) Response time
(c) Turnaround time
(d) Fairness (how likely/often starvation can happen)
(e) None of the above