



SCHOOL OF COMPUTER STUDIES

CCOPSYSL: OPERATING SYSTEMS

1st Interim

3rd Trimester, A.Y. 2024-2025

Name: _____

Score: _____ / _____

Date: _____

GENERAL INSTRUCTIONS:

1. Read all instructions carefully.
2. All answers should be handwritten on yellow pad paper
3. Submissions are due on Tuesday, April 15, 2025, on or before class time.
4. Late submissions will get a grade not higher than 60%

Process Scheduling Algorithms (65 points each)

Complete the table below using FCFS, SJF, SRTF, Priority, Priority with Aging, and Round Robin, assuming QT/TS of 4
Show all your solutions. No Solution or a wrong solution means an incorrect answer. **Use a separate table and yellow paper for each algorithm.**

Jobs	AT	BT	Priority	ST	ET	WT	TT
P1	0	10	3				
P2	2	7	1				
P3	4	4	2				
P4	7	8	1				
P5	10	5	2				
P6	11	7	3				
P7	15	15	1				
P8	20	9	2				
P9	22	8	1				
P10	25	7	2				

Given the processes' information above, which of the three CPU Scheduling algorithms is more suitable for the operating system to implement? Support your answer. (5 points). **Take note that you will get no points from this if you did not get all the correct answers above.**



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