

Practical 2

St. Tran Quy Ban
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1 EXERCISE 2

- 1. Draw Gantt chart of these processes with FCFS, SJF, SRTF, RR, ($s = 1\text{ms}$).

Answer:

Here is my answer.

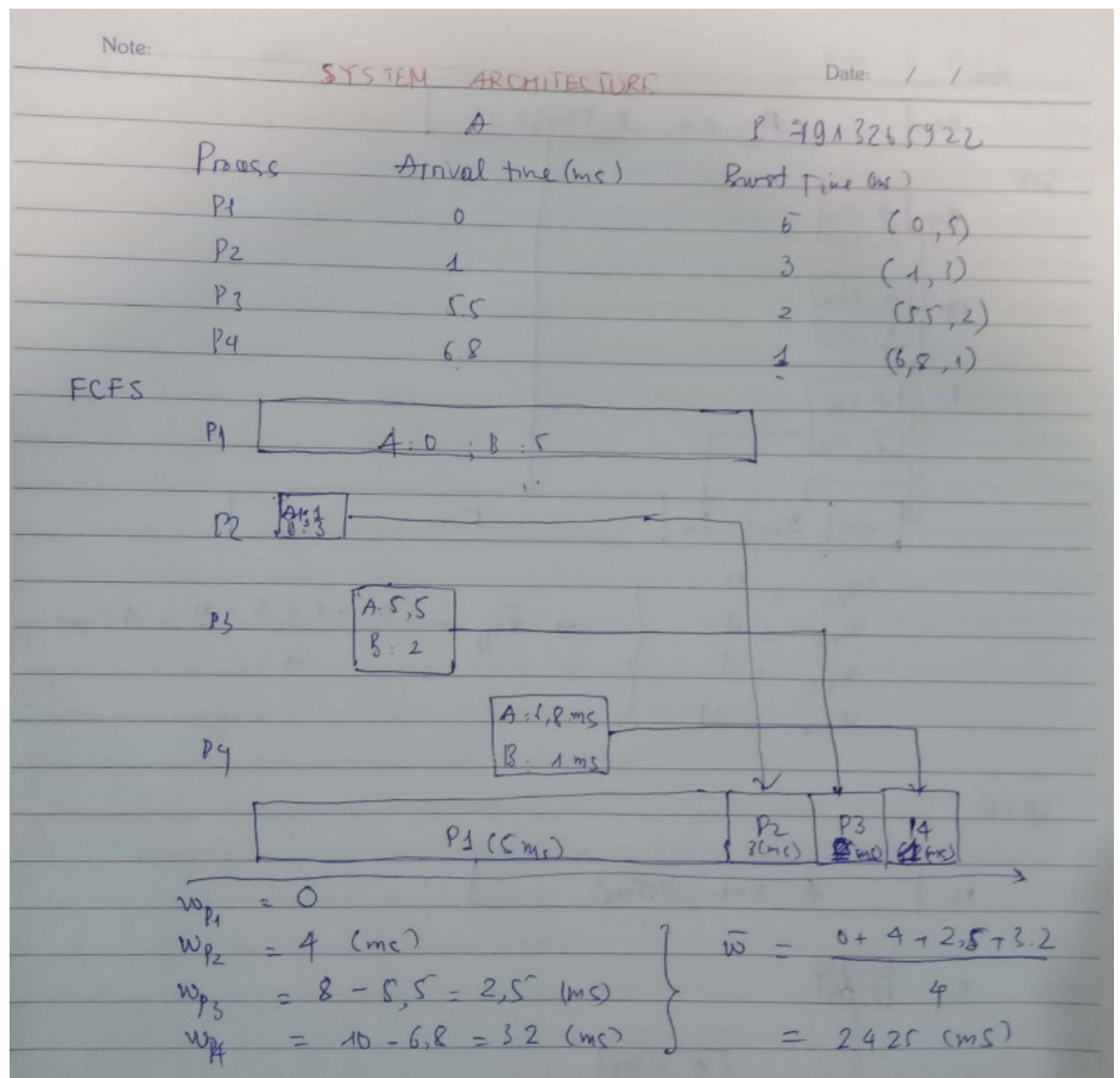


Figure 1.1: FCFS.

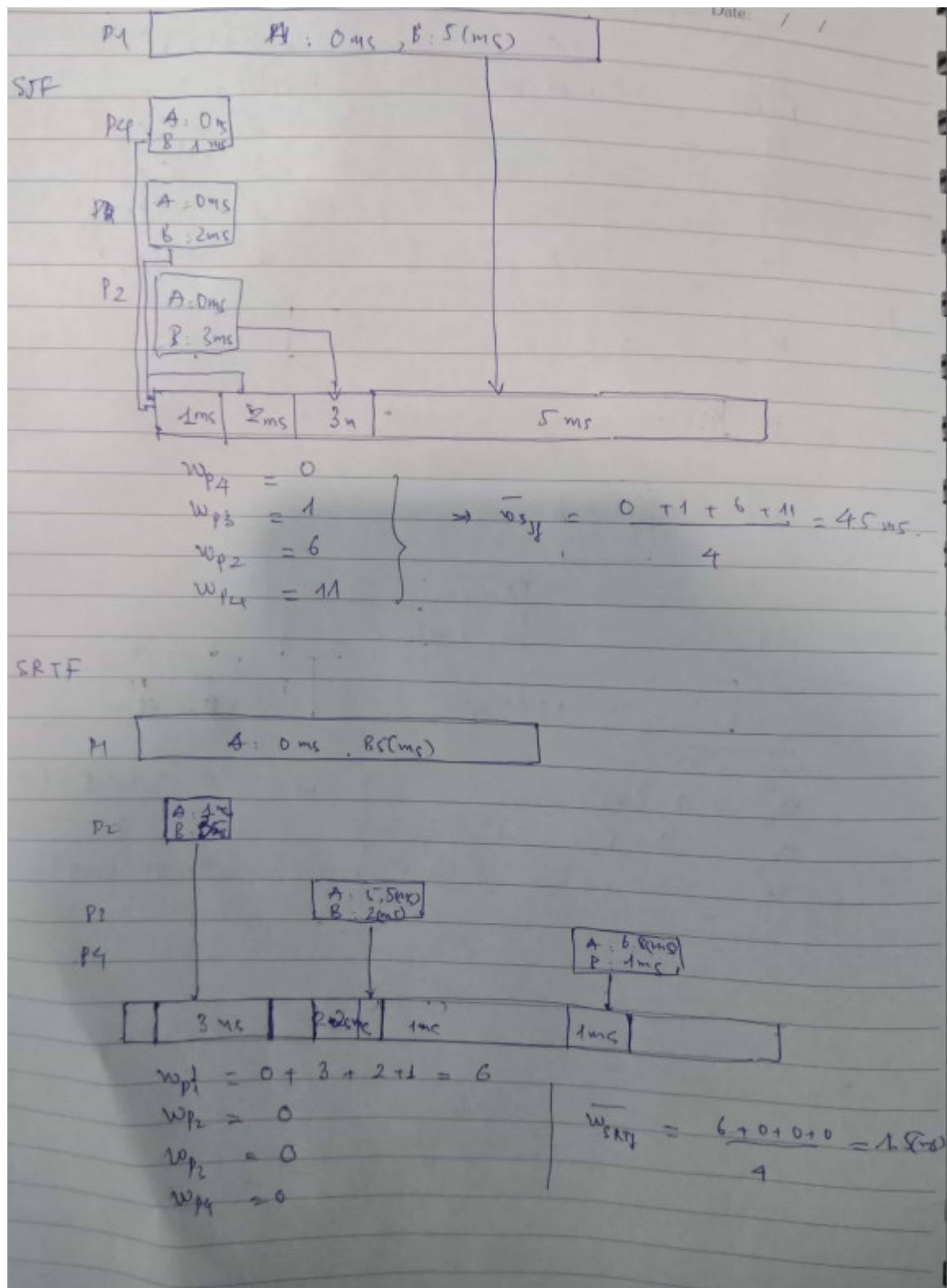
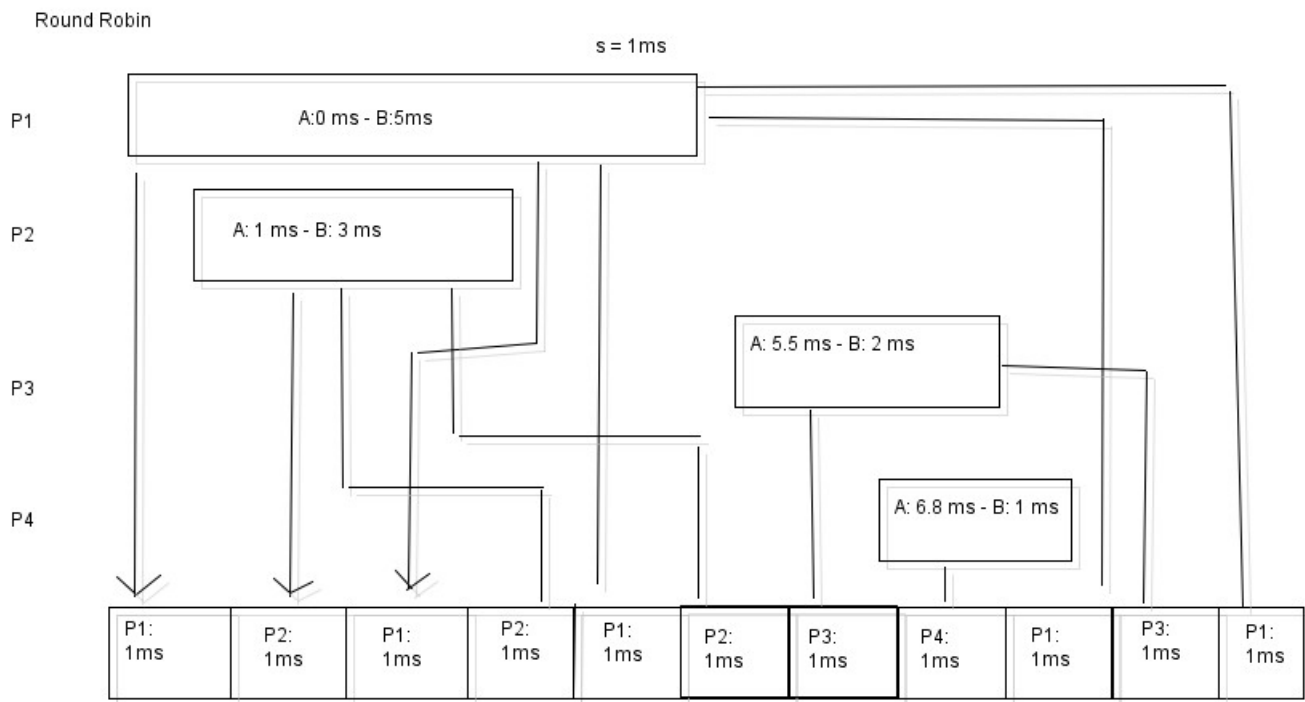


Figure 1.2: SJF,....



$$\text{Wait}(P1) = 0 + 1 + 1 + 3 + 2 = 7$$

$$\text{Sum} = (7 + 3 + 2.5 + 0.2)/4 = 3.175 \text{ ms}$$

$$\text{Wait}(P2) = 1 + 1 + 1 = 3$$

$$\text{Wait}(P3) = 0.5 + 2 = 2.5$$

$$\text{Wait}(P4) = 0.2$$

Figure 1.3: RR