GATE 2004

Consider the following set of processes, vvith the arrival times and the CPU-burst times given in milliseconds

Process	Arrival Time	Burst Time
P1	0	5
P2	1	3
P3	2	3
P4	4	1

What is the average turnaround time for these processes vvith the preemptive Shortest Remaining Processing Time first (SRPT) algorithm?

(a) 5.50

(b) 5.75

(c) 6.00

(d) 6.25

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