

# Simulation of Scheduling in Real-Time Systems Model: createdSet1BSH

Table 1: Tasks

Task number	Arrival Time	Execution Time	Deadline	Period
1	10	20	130	Aperiodic
2	20	20	40	Aperiodic
3	40	20	70	Aperiodic
4	50	20	110	Aperiodic
5	60	20	90	Aperiodic

Table 2: Average Turnaround Times

Task	Average Turnaround Time
1	60
2	20
3	20
4	60
5	30
Total Average Turnaround Time	38

Table 3: Simulation Results in Numbers

CPU Idle Time	10
Number of Deadlines reached	5
Number of Deadlines missed	0
Number of Completed tasks	5
Number of Tasks	5

Table 4: Simulation Results in Percentage

CPU Idle Time	2%
Deadlines missed	0 %
Completed tasks	100%







