Q 1. Find out which of the following algorithms (FCFS, SJF, SRTF, RR) will give the least Turnaround Time (TAT) and Waiting Time (WT) for the following given processes:

NOTE: For RR, consider Time quantum = 2.

|  |  |  |
| --- | --- | --- |
| Process No. | Arrival Time | Burst Time |
| A | 0 | 3 |
| B | 1 | 6 |
| C | 4 | 4 |
| D | 6 | 2 |

Q 2. Find out which of the following algorithms (FCFS, SJF, SRTF, Priority) will give the least Turnaround Time (TAT) and Waiting Time (WT) for the following given processes:

|  |  |  |  |
| --- | --- | --- | --- |
| Process No. | Arrival Time | Burst Time | Priority |
| P1 | 0 | 4 | 3 |
| P2 | 1 | 2 | 2 |
| P3 | 2 | 3 | 4 |
| P4 | 4 | 2 | 1 |