## 3.1 Round Robin Scheduler

| Task        | Arrival   | Burst   | Completion    | Turnaround         | Waiting |
|-------------|-----------|---------|---------------|--------------------|---------|
| T1          | 0         | 1       | 1             | 1                  | 0       |
| T2          | 0         | 2       | 3             | 3                  | 1       |
| Т3          | 0         | 4       | 13            | 13                 | 9       |
| T4          | 0         | 6       | 16            | 16                 | 10      |
| T5          | 0         | 8       | 40            | 40                 | 32      |
| T6          | 11        | 8       | 42            | 31                 | 23      |
| Т7          | 11        | 6       | 37            | 26                 | 20      |
| T8          | 11        | 4       | 38            | 27                 | 23      |
| Т9          | 11        | 2       | 27            | 16                 | 14      |
| T10         | 11        | 1       | 28            | 17                 | 16      |
| T4 Ob and a | -4.10/-14 | Average | 190 / 10 = 19 | 148 / 10 =<br>14.8 |         |

T1 Shortest Wait

T5 Longest Wait

## 3.2 First Come First Serve Scheduler

| Task      | Arrival | Burst   | Completion      | Turnaround         | Waiting |
|-----------|---------|---------|-----------------|--------------------|---------|
| T1        | 0       | 1       | 1               | 1                  | 0       |
| T2        | 0       | 2       | 3               | 3                  | 1       |
| Т3        | 0       | 4       | 7               | 7                  | 3       |
| T4        | 0       | 6       | 13              | 13                 | 7       |
| T5        | 0       | 8       | 21              | 21                 | 13      |
| T6        | 11      | 8       | 29              | 18                 | 10      |
| Т7        | 11      | 6       | 35              | 24                 | 18      |
| Т8        | 11      | 4       | 39              | 28                 | 24      |
| Т9        | 11      | 2       | 41              | 30                 | 28      |
| T10       | 11      | 1       | 42              | 31                 | 30      |
| T4 Ob a 4 |         | Average | 176 / 10 = 17.6 | 134 / 10 =<br>13.4 |         |

T1 Shortest Wait
T10 Longest Wait