Test cases-:

Test case 1-

Process Arrival time (s) Burst time(s) Priority

1 0 5 1

2 1 10 2

3 2 6 3

4 3 11 4

5 4 7 6

6 5 12 8

7 6 8 9

8 7 13 9

9 8 9 5

10 9 14 6

Sjf-:

avg turnaround time-:39

avg waiting time -:30

Priority-:

avg turnaround time-: 43

avg waiting time -: 33.5

Fcfs-:

avg turnaround time-:42.5

avg waiting time -:33

Test case 2-

Process Arrival time (s) Burst time(s) Priority

1 0 8 1

2 1 4 2

3 2 2 3

4 3 5 1

5 4 7 6

6 5 9 8

7 6 6 6

8 7 12 4

9 8 3 10

10 9 26 2

Sjf-:

avg turnaround time-:25

avg waiting time -:17

Priority-:

avg turnaround time-: 46.79

avg waiting time -: 37.29

Fcfs-:

avg turnaround time-:30.1

avg waiting time -:21.9

Test case 3-

Process Arrival time (s) Burst time(s) Priority

1 0 8 1

2 5 2 2

3 4 4 3

4 3 6 3

5 3 9 4

6 6 2 5

7 8 3 6

8 2 6 8

9 4 4 9

10 6 5 10

Sjf-:

avg turnaround time-:19

avg waiting time -:14

Priority-:

avg turnaround time-: 23.79

avg waiting time -: 18.9

Fcfs-:

avg turnaround time-:27.8

avg waiting time -:22.9

Test case 4-:

Process Arrival time (s) Burst time(s) Priority

1 3 25 6

2 5 6 5

3 4 53 4

4 6 6 3

5 2 16 9

6 3 52 2

7 1 3 4

8 1 49 1

9 6 36 2

10 9 24 10

Sjf-:

avg turnaround time-:96

avg waiting time -:69

Priority-:

avg turnaround time-: 175.3

avg waiting time -: 148.3

Fcfs-:

avg turnaround time-:144.9

avg waiting time -:117.9

Test case 5-

Process Arrival time (s) Burst time(s) Priority

1 5 23 9

2 6 5 1

3 2 8 2

4 4 6 1

5 5 4 1

6 6 9 6

7 6 33 8

8 10 6 7

9 3 5 3

10 4 4 4

Sjf-:

avg turnaround time-:36

avg waiting time -:25

Priority-:

avg turnaround time-: 36.7

avg waiting time -: 26.4

Fcfs-:

avg turnaround time-:47.9

avg waiting time -:37.6

Test case 6-

Process Arrival time (s) Burst time(s) Priority

1 3 6 3

2 5 5 2

3 6 3 1

4 8 2 1

5 2 12 9

6 4 23 15

7 3 21 6

8 1 15 16

9 0 6 4

10 5 9 9

Sjf-:

avg turnaround time-:36

avg waiting time -:26

Priority-:

avg turnaround time-: 38.7

avg waiting time -: 28.5

Fcfs-:

avg turnaround time-:59.2

avg waiting time -:49

Test case 7-

Process Arrival time (s) Burst time(s) Priority

1 6 5 3

2 3 6 2

3 5 3 12

4 2 2 1

5 4 1 5

6 1 2 6

7 0 4 4

8 6 12 3

9 8 16 9

10 3 24 5

Sjf-:

avg turnaround time-:25

avg waiting time -:17

Priority-:

avg turnaround time-: 33

avg waiting time -: 25.5

Fcfs-:

avg turnaround time-:30.1

avg waiting time -:22.6

Test case 8-

Process Arrival time (s) Burst time(s) Priority

1 3 46 13

2 1 8 1

3 2 52 16

4 4 42 14

5 6 12 3

6 1 7 2

7 0 16 9

8 2 25 10

9 3 24 15

10 2 29 31

Sjf-:

avg turnaround time-:101

avg waiting time -:75

Priority-:

avg turnaround time-: 108.5

avg waiting time -: 82.4

Fcfs-:

avg turnaround time-:125.2

avg waiting time -:99.1