

# Operating Systems - All sections

Started on	Wednesday, 12 January 2022, 7:10 PM
State	Finished
Completed on	Wednesday, 12 January 2022, 7:19 PM
Time taken	9 mins 13 secs
Grade	8.75 out of 10.00 (88%)

Question 1

Correct

Mark 1.25 out of 1.25

Flag question

The turnaround time of process P1 is:

-If you don't see the Gantt chart then scroll down or up to find it in another question.

☐ a. 7

☐ b. 3

☐ c. 8

☐ d. 0

☒ e. 12

✓

Your answer is correct.

The correct answer is:

12

Question 2

Correct

Mark 1.00 out of 1.00

Flag question

Consider the following set of processes with CPU burst and arrival times:

Process	Burst Time	Arrival time
P1	7	0
P2	6	2
P3	2	3
P4	3	4

The following Gantt chart represents which scheduling algorithm:

P1P3P4P1P2

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Select one:

☐ a. non preemptive SJF

☐ b. Priority Scheduling

☒ c. preemptive SJF

☐ d. FCFS

☐ e. Round robin

✓

Your answer is correct.

The correct answer is: preemptive SJF

Question 3

Correct

Mark 4.00 out of 4.00

Flag question

The average response time of the above Gantt chart is equal to:

-If you don't see the Gantt chart then scroll down or up to find it in another question.

☐ a. 5

☐ b. 4.5

☐ c. 4

☐ d. 4.75

☒ e. 2.75

✓

Your answer is correct.

The correct answer is:

2.75

Question 4

Correct

Mark 1.25 out of 1.25

Flag question

The waiting time of process P1 is equal to:

-If you don't see the Gantt chart then scroll down or up to find it in another question.

☐ a. 0

☒ b. 5

☐ c. 3

☐ d. 12

☐ e. 8

✓

Your answer is correct.

The correct answer is:

5

Question 5

Correct

Mark 1.25 out of 1.25

Flag question

The response time of process P2 is equal to:

-If you don't see the Gantt chart then scroll down or up to find it in another question.

☐ a. 18

☐ b. 12

☐ c. 6

☐ d. 0

☒ e. 10

✓

Your answer is correct.

The correct answer is:

10

Question 6

Incorrect

Mark 0.00 out of 1.25

Flag question

The Throughput in 10 time units (milliseconds) is:

-If you don't see the Gantt chart then scroll down or up to find it in another question.

☒ a. 2

☐ b. 4

☐ c. 3

☐ d. 1

☐ e. 0

✗

Your answer is incorrect.

The correct answer is:

1

Quiz navigation

1

2

3

4

5

6

✓

✓

✓

✓

✓

FINISH REVIEW