Started	Monday, October 21, 2024, 3:11 PM
Sta	
	on Monday, October 21, 2024, 3:15 PM
	en 3 mins 43 secs
	ts 8.00/8.00
Gra	de 100.00 out of 100.00
Question 1	
Correct	
1.00 points out of 1.00	
In Little's formul	a, λ , represents the
in Little 3 formal	a, r, represents the
Select one:	
a. average	queue length
ob. average	e waiting time in the queue
C. average	CPU utilization
d. average	arrival rate for new processes in the queue ✔
g a. average	annul rate for hell processes in the queue v
Your answer is c	prrect.
The correct answ	ver is: average arrival rate for new processes in the queue
Question 2	
Correct 1.00 points out of 1.00	
1.00 points out of 1.00	
The two general	approaches to load balancing are and
Select one:	
a. coarse	grained, fine grained
○ b. soft affi	nity, hard affinity
	-time, hard real-time
	gration, pull migration 🗸
o a. pasiriii	g, pg. aud
Your answer is c	prrect.
The correct answ	ver is: push migration, pull migration



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Question 3	
Correct	
1.00 points out of 1.00	
The occurs in first-come-first-served scheduling when a	process with a long CPU burst occupies the CPU.
Select one:	
a. waiting time	
c. system-contention scope	
○ d. dispatch latency	
Your answer is correct.	
The correct answer is: convoy effect	
Question 4	
Correct	
1.00 points out of 1.00	
Which of the following scheduling algorithms must be nonpre	eemptive?
Select one:	
a. priority algorithms	
O b. RR	
○ c. SJF	
⊚ d. FCFS ✓	

Your answer is correct.

The correct answer is: FCFS



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Question 5 Correct			
1.00 points out of 1.00			
Which of the following statements are false with regards to the Linux CFS scheduler?			
Select one:			
a. Each task is assigned a proportion of CPU processing time.	e.		
O b. Lower numeric values indicate higher relative priorities.			
$\ $ c. There is a single, system-wide value of vruntime. \checkmark			
 d. The scheduler doesn't directly assign priorities. 			
Your answer is correct.			
The correct answer is: There is a single, system-wide value of vrun	time.		
Question 6			
Correct			
1.00 points out of 1.00			
Which of the following is true of multilevel queue scheduling?			
Select one:			
a. Processes can move between queues.			
Ob. A queue cannot have absolute priority over lower-priority	queues.		
oc. It is the most general CPU-scheduling algorithm.			
d. Each queue has its own scheduling algorithm.			

Your answer is correct.

The correct answer is: Each queue has its own scheduling algorithm.



Question 7
Correct
1.00 points out of 1.00
scheduling is approximated by predicting the next CPU burst with an exponential average of the measured lengths of previous CPU bursts.
Select one:
■ a. SJF
○ b. FCFS
○ c. Multilevel queue
○ d. RR
Your answer is correct.
The correct answer is: SJF
Question 8
Correct
1.00 points out of 1.00
The Linux CFS scheduler identifies as the interval of time during which every runnable task should run at least once.
Select one:
○ a. virtual run time
■ b. targeted latency ✓
O c. nice value
○ d. load balancing
Your answer is correct.
The correct answer is: targeted latency

