Quiz3

Due No due datePoints 1.6Questions 5Available Nov 13 at 2pm - Nov 13 at 2:30pm 30 minutesTime Limit 30 Minutes

This quiz was locked Nov 13 at 2:30pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	27 minutes	1.45 out of 1.6

Score for this quiz: 1.45 out of 1.6

Submitted Nov 13 at 2:28pm This attempt took 27 minutes.

	Question 1	0.15 / 0.15 pts
	Given <i>N</i> , the number of tasks that are either waiting processed by the CPU, arrival rate Y, and response relationship between N, Y, R in a stable system?	
	○ N=Y/R	
	○ N=Y+R	
	O N=YR^2	
Correct!	N=YR	

Question 2 0.15 / 0.15 pts

Given 60% utilization, the ratio of response time R and execution time S is:

_			-	м
Co	۱ri	-		М

② 2.5			
0 1.25			
0 1.67			
0 1.33			

Question 3		1 / 1 pts
respectively. Assu	A, B, C with service time of 6ms, 4ms, and time that all three tasks arrive all at the same fore B and B comes slightly before C. Pleas for the following algorithms. Then, calculate the following:	e time but A e show the
• FIFO: the orde	er of scheduling is A - B	
_ C	with response time of 6	ms,
10	ms, and 14 ms, resp	ectively.
• SJF: the order	r of scheduling is B _ C	-
А	with response time of 4	ms,
8	ms, and 14 ms, resp	ectively.
Round robin v	vith time slice of 4ms: the response time of A	A, B, C are
14	ms, 8 ms, and 12	
ms, respective	ely.	
• LIFO: the orde	er of scheduling is C B	
_ A	with response time of 4	ms,

	14	ms,	11	ms, and	12	
	ms, respectively.					
	Answer 1:					
Correct!	A					
	Answer 2:					
Correct!	В					
	Answer 3:					
Correct!	C					
	Answer 4:					
Correct!	6					
	Answer 5:					
Correct!	10					
	Answer 6:					
Correct!	14					
	Answer 7:					
Correct!	В					
	Answer 8:					
Correct!	C					
	Answer 9:					
Correct!	A					
	Answer 10:					
Correct!	4					
	Answer 11:					
Correct!	8					
	Answer 12:					

Correct!	14
	Answer 13:
Correct!	14
	Answer 14:
Correct!	8
	Answer 15:
Correct!	12
	Answer 16:
Correct!	C
	Answer 17:
Correct!	B
	Answer 18:
Correct!	A
	Answer 19:
Correct!	4
	Answer 20:
Correct!	8
	Answer 21:
Correct!	14
	Answer 22:
Correct!	14
	Answer 23:
Correct!	11
	Answer 24:
Correct!	12

	Question 4 0.15 / 0.15 pts
	Which memory address translation strategy is used as the lowest level of all multi-level address translation systems?
	static base+bound
Correct!	paging
	 segmentation
	Swapping

	Question 5	0 / 0.15 pts
	Which of the following strategy causes internal fragmentation?	
orrect Answer	paging	
	caching	
ou Answered	segmentation	
	memory bitmap	

Quiz Score: **1.45** out of 1.6