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## Parallel Algorithms - - Unit 4 - Week 03: Basic T...

Expression Tree	
Evaluation, Merging and	ce De $n/p$
Cole's Merge	
Sort	No, the answer is incorrect. Score: 0
Week 07: Cole's	Accepted Answers:
Merge Sort,	n/p
Sorting Lower	
Bound, Connected	4) When key value 10 is searched in an array that contains "4, 6, 8, 13, 15, <b>1</b> <i>poi</i> <b>() 17</b> , 19" with six processors assigned to the first six elements of the array, on a
Components	CREW PRAM, using Algorithm Search-1, which is the processor that reports the
Week 08:	rank of 10 in the array?
Connected	the first
Components,	
Vertex Colouring and	the third
Interconnection	the fourth
Networks Algorithms	all of them together
	No, the answer is incorrect.
Week 09: Interconnection	Score: 0
Networks	Accepted Answers:
Algorithms	the third
Interaction	5) When a key value is searched in an array with six processors on a <b>1</b> point
Session	CREW PRAM, using Algorithm Search-2, the range of search reduces by a factor
	of in each step.
Week 10: Interconnection	0 2
Networks	0 5
Algorithms	
Week 11:	6
Interconnection Networks	7
Algorithms	No, the answer is incorrect.
	Score: 0
Week 12: Parallel	Accepted Answers:
Complexity	7
Theory	6) Consider the optimal merge algorithm studied in Lecture 8. Consider 0 points
	the two sorted
	arrays: $A = \langle 3, 7, 10, 14, 18, 27, 35, 49 \rangle$ and $A' = \langle 3, 14, 35 \rangle$ .
	If $B = \langle 4,9,15,26,29,33,34,53 \rangle$ and are the leader arrays, then $B' = \langle 4,26,34 \rangle$ the number of elements left in that charge of leader 26 is
	then $D = \langle 4, 20, 34 \rangle$ the number of elements left in that charge of leader 20 is
	• o
	1
	O 3
	<b>4</b>
	No, the answer is incorrect. Score: 0
	Accepted Answers:
	3
	<ul> <li>3</li> <li>7) The minimum number of colours required to vertex colour a cycle of <i>1 point</i> seven nodes is</li> </ul>

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