🏠   Assignments   **Review Test Submission: Quiz 8 (11/5)**

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User	Yuchen Wang
Course	CSE661/CIS655 - Advanced Computer Architecture - F20
Test	Quiz 8 (11/5)
Started	11/5/20 7:33 AM
Submitted	11/5/20 7:35 AM
Due Date	11/5/20 11:59 PM
Status	Completed
Attempt Score	50 out of 50 points
Time Elapsed	2 minutes out of 1 hour
Results Displayed	All Answers, Submitted Answers, Correct Answers

Question 1

10 out of 10 points

Symmetric multiprocessors architectures, are sometimes known as

Selected Answer: ✅ Uniform memory access

Answers: Variable memory access

Static memory access

✅ Uniform memory access

Question 2

10 out of 10 points

Which of the following systems is the least scalable with respect to its number of processors?

Selected Answer: ✅ Symmetric multiprocessors

Answers: ✅ Symmetric multiprocessors

Noncache-coherent NUMA systems

None

Cache-coherent NUMA systems

Question 3

10 out of 10 points

A Shared Address Space programming model can be used on large scale multiprocessors.

Selected Answer: ✅ True

Answers: ✅ True

False

Question 4
10 out of 10 points

Which of the following statement is **NOT** true on the Centralized Shared-Memory Architectures?

Selected
Answer:
✅
Bandwidth of the centralized memory system grows as the number of processors in machines increases

Answers:

The use of large multilevel caches can substantially reduce memory bandwidth demands of a processor.

✅
Bandwidth of the centralized memory system grows as the number of processors in machines increases

It is possible for several (micro)processors to share the same memory through a shared bus.

Question 5
10 out of 10 points

Clusters have separate memories and thus need many copies of the operating system.

Selected Answer: ✅ True

Answers: ✅ True

False

Wednesday, December 2, 2020 10:56:13 PM EST

← OK