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Q1.

UMA and NUMA are shared memory models.

UMA

- ① UMA stands for Uniform Memory Access.
- ② UMA has single memory controller.
- ③ Memory access is slow.
- ④ Used in general purpose register & time sharing application.
- ⑤ equal memory access time.
- ⑥ 3 types of Buses: Single, multiple, Crossbar.

NUMA

- NUMA stands for Non Uniform Memory Access.
- ② NUMA has multiple memory controller.
- ③ faster memory access than UMA
- ④ NUMA is used in real time & critical application.
- ⑤ varying memory access time.
- ⑥ 2 types of Buses: Tree, hierarchical

Teacher's Signature

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UMA

NUMA

