12/5/23, 7:48 PM Quiz 11

① Students have either already taken or started taking this quiz, so take care when editing it. If you change any quiz questions in a significant way, you might want to consider re-grading students' quizzes who took the old version of the quiz. Points 5 Published **Details** Questions ✓ Show question details **Question** 1 pts You have a 32-bit address space with a 1KB page size. What will be the total number of pages? ıswer 2²² 2²⁰ 2²¹ Cannot be determined. **Question** 1 pts You have a 32-bit address space with a 1KB page size. What will be the total size of page table if the page table takes 4 bytes per page table entry? ıswer O 2²² * 4 2²⁰ * 4 2²¹ * 4 Cannot be determined. **Question** 1 pts Assuming the following 32-bit virtual address which is given in binary as follows: 110000000000000011100000000010 The first two MSB are for the segment, the next 18bits left to right are for VPN and the last 12-bits are for offset. What is the value of VPN in decimal? 7 8 0 111 Cannot be determined. **Question** 1 pts

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110000000000000111000001010110 The first two MSB are for the segment, the next 18bits left to right are for VPN and the last 12-bits are for offset. What is the value of the offset in decimal? 86 68 96 Cannot be determined.		Assuming the following 32-bit virtual address which is given in binary as follows:
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□ Notify users this quiz has changed		+ New question + New question group Q Find questions
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