

Flexible Instruction Day Assignment #3

Virtualization Review

Student Name _____ Date _____ Session _____ Score _____

Answer the following questions after reviewing the virtualization handout/PowerPoint

1. Demanding/Resource hungry applications are likely to run very slow inside of VMs. *True or False*
2. A single physical computer can run several virtual machines at the same time. *True or False*
3. Unlike physical computers, virtual machines are not capable of getting viruses or being hacked. *True or False*
4. Maintaining & managing virtual machines is usually easier and cheaper than a real system. *True or False*
5. VMs can be more difficult and expensive to setup initially. *True or False*
6. Which Virtualization type uses a mix of real and virtual components?
 - a. Full Virtualization
 - b. Partial virtualization
 - c. Para virtualization
7. Which virtualization type uses real hardware instead of virtual components?
 - a. Full Virtualization
 - b. Partial virtualization
 - c. Para virtualization
8. Which hardware component is the most important for a virtualization computer?
 - a. CPU
 - b. Storage/hard drive
 - c. RAM
 - d. Video
9. Which term describes the special coding added to Intel processors to optimize them for virtualization?
 - a. Virtual machine
 - b. VT Extensions
 - c. V Extensions
 - d. ESX
10. Which term describes an open source hypervisor?
 - a. XEN
 - b. VT Extensions
 - c. V Extensions
 - d. ESX
11. Which term describes software that works with your OS to create & manage virtual machines?
 - a. XEN
 - b. Hypervisor
 - c. V Extensions
 - d. ESX

