INFSCI 2750: Cloud Computing

Total: 10 points

Name: ………………………………………   Pitt email ID: ………………

Please mark T/F to indicate true/false: (10 points)

T   **F**   1 PigLatin requires a stored scheme provided by the user.

T   F   2 PigLatin includes support for user-defined functions.

T   **F**   3 A key limitation of PigLatin is to operate over plain input files without any schema information

T   F   4. Although Pig Latin programs supply an explicit sequence of operations, it is not necessary that the operations be executed in that order.

T   F   5. Pig comes with a novel interactive debugging environment that generates a concise example data table illustrating the output of each step of the user's program.

T   F   6. Paravirtualization is necessary to obtain high performance and strong resource isolation on uncooperative machine architectures.

T   F   7. In Xen, privileged instructions are paravirtualized by requiring them to be validated and executed within Xen.

T   **F**   8. Efficient virtualizion of privilege levels is not possible on x86 as it supports only two distinct privilege levels in hardware.

T   F   9. In Xen, guest OS must run at a lower privilege level than Xen.

T   F   10. Rather than emulating existing hardware devices, as is typically done in fully-virtualized environments, Xen exposes a set of clean and simple device abstractions.