INST 346: Technologies, Infrastructure and Architecture
Quiz 10, April 25, 2018

Instructions:
This is a 7 minute quiz, starting promptly at 1:43 and ending promptly at 1:50. You may use any resources (Web, readings, class notes, class slides) that existed before the start of this quiz. You may not communicate with any other person (including the instructor) during the quiz. If you have difficulty interpreting a question, briefly describe that difficulty and any assumptions that you have made to allow you to answer the question and we will consider what you have written when grading your quiz. Answer all questions. A maximum of 1 point is available.

0.   (0 points) What is your name?

1.   Cloud computing strives to provide better service at lower cost than could be achieved by buying and operating servers locally.   Answer both of the following questions:

   a.   (0.5 points) Identify one aspect of the service provided by cloud computing (i.e., one characteristic of that service) that is better than you could (affordably) achieve using local servers, and then identify the technical detail(s) of cloud computing make it possible for it to provide service that is better in that way.

   b.   (0.5 points) Identify one type of cost that cloud computing services incur that is substantially lower (on a per-server basis) than the same type of cost would be with locally operated servers.

Please **hand write and sign** the honor pledge on this quiz. (For reference, the honor pledge (described at http://shc.umd.edu/SHC/HonorPledgeUse.aspx) is: "I pledge on my honor that I have not given or received any unauthorized assistance on this quiz.")