

**CIT 1307, Fall 2017**  
**Big Data and Cloud Computing Post-quiz**  
**Points: 10**

**Name:** \_\_\_\_\_

1. What is the name of the programming framework originally developed by Google that supports the development of applications for processing large data sets in a distributed computing environment?
  - a. MapReduce
  - b. Hive
  - c. ZooKeeper
  - d. Cloudera
2. Which industries employ Big Data analytics in their day to day operations?
  - a. Marketing
  - b. Health
  - c. Law enforcement
  - d. All of the above
3. How many gigabytes are in one Exabyte
  - a. 100,000
  - b. 1 Million
  - c. 1 Billion
  - d. 10,000
4. Leading analyst firm Gartner defines Big Data from three aspects, all starting with the letter V. Which of these are not a part of their consideration of big data?
  - a. Value
  - b. Volume
  - c. Velocity
  - d. Variety
5. Which of the following is an example of a cloud platform?
  - a. Azure
  - b. Corba
  - c. JaaS
  - d. Cloud City
6. Which answer below does NOT characterize recent big data trends?
  - a. Data volumes and performance have become a greater challenge
  - b. Only structured data is processed
  - c. Data inconsistency and incompleteness is a major issue.
  - d. None of the above
7. Amazon Web Services is which type of cloud computing distribution model?
  - a. Software as a service
  - b. Platform as a service
  - c. Infrastructure as a service
  - d. None of the above
8. Which of the following isn't true about virtualization?
  - a. Can migrate jobs when necessary.
  - b. Performance is always predictable.
  - c. Immediate access to computing resources
  - d. Provides isolation

9. Which term best describes the ability to rapidly increase user accounts for a given cloud service?
  - a. Volatility
  - b. Synchronicity
  - c. Viability
  - d. Elasticity
10. What does machine learning means?
  - a. Removing suspicious data
  - b. Using data to make some predictions
  - c. Looking for patterns in data
  - d. All of the above