Assignment 3

The due date for submitting this assignment is 2020-03-18, 23:59 IST.

1. **SQL** has many storage options. Which would be the best option for unstructured storage?
   - Cloud Bonaire
   - Cloud Storare
   - Cloud SQL
   - Cloud Storage

   **A 1 point**

2. **Cloud Storage** using **HDFS** based objects is ideal for unstructured storage.

3. **Cloud Storage** offers a virtually unlimited amount of storage, a single object has a limited size of 1TB.

   **A 2 point**

4. What is the largest object that you can store in Cloud Storage?
   - GB
   - TB
   - LB
   - UB

   **A 1 point**

5. Cloud Storage offers a virtually unlimited amount of storage, a single object has a limited size of 1TB. Cloud Storage offers a virtually unlimited amount of storage, a single object has a limited size of 1TB. Cloud Storage offers a virtually unlimited amount of storage, a single object has a limited size of 1TB.

   **A 2 point**

6. Cloud Storage data class is an inexpensive option for backups that you last cross a month.
   - Coldline
   - Hotline
   - Regclass
   - None of the above

   **A 1 point**

7. Which of the following database engines does Cloud SQL support?
   - BigQuery
   - MySQL
   - Oracle
   - PostgreSQL

   **A 2 point**

8. You are in a database that is a horizontally scalable, globally available database service offering up to 100ms of availability.

   **A 2 point**

9. Which of the following database engine features Cloud SQL support?
   - A document store
   - A key-value store
   - A relational database
   - A graph, wide-column database

   **A 2 point**

10. Cloud Bigtable provides a NoSQL-based managed service which one of the following is a valid use case for this service?
    - A document store
    - A key-value store
    - A relational database
    - A graph, wide-column database

    **A 2 point**

11. Cloud Spanner is a document store similar to a MongoDB database.

    **A 2 point**

12. Cloud Bigtable provides a NoSQL-based managed service option. Which one of the following is a valid use case for this service?
    - A document store
    - A key-value store
    - A relational database
    - A graph, wide-column database

    **A 2 point**

13. You have data in multiple and even a semisimilar database without having to worry about restores or cluster management. Which service would best suit your needs?
    - BigQuery
    - Cloud Storage
    - Cloud Spanner
    - Cloud SQL

    **A 1 point**

14. Cloud Spanner is the only option that is not a database. The backend of BigQuery is columnar storage.

    **A 1 point**