1. What does BASE stand for?
   1. Basic Availability, Soft-state, Eventual consistency
2. What is a database in Mongo?
   1. A database in Mongo is a grouping of unstructured data in JSON format
3. What is a collection?
   1. Equates to a table
4. What is a document?
   1. Equates to a row
5. What rules does Mongo enforce about the structure of documents inside a collection?
6. What is a distributed application? A distributed data store?
7. What is High Availability? How is it achieved in Mongo?
   1. High availability is the ability of a system to operate continuously without failing for a designated period of time. Mongo achieves it through replica sets
8. What is Scalability? How is it achieved in Mongo?
   1. Scalability is the ability of a database to grow in size. It is achieved both vertically and horizontally in MongoDB. Horizontally through sharding and replica sets
9. Explain replica sets and sharding
10. What are NoSQL databases? What are the different types of NoSQL databases?
    1. NoSQL is a type of nonrelational database query language.
    2. Wide column, document, key-value, graph
11. What kind of NoSQL database MongoDB is?
    1. It is a document database
12. Which are the most important features of MongoDB?
    1. Can handle unstructured data
13. What is a Namespace in MongoDB?
    1. The name of the collection, including the database.
14. Which all languages can be used with MongoDB?
15. Compare SQL databases and MongoDB at a high level.
    1. SQL databases are structured while MongoDB is used to save unstructured data
16. How is MongoDB better than other SQL databases?
    1. It is much faster than other SQL databases
    2. Much more scalable
    3. More flexible
17. Does MongoDB support foreign key constraints?
    1. No
18. Does MongoDB support ACID transaction management and locking functionalities?
    1. YES, but not innately
19. How can you achieve primary key - foreign key relationships in MongoDB?
    1. By embedding a document inside another
20. When should we embed one document within another in MongoDB?
    1. When we want to relate the two documents
21. Mention what is Objecld composed of?
    * 1. 4-byte timestamp value representing object’s creation
      2. 5-byte random value
      3. 3-byte incrementing counter