#1. What is the process of transforming and structuring data for storage and analysis?

☐

Data Wrangling

☐

Data Integration

☐

Data Aggregation

☐

Data Mining

☐

Data Normalization

#2. Which cloud platform provides services like Oracle Big Data Cloud and Oracle Data Science for Big Data processing?

☐

Oracle Cloud

☐

AWS (Amazon Web Services)

☐

Azure (Microsoft)

☐

GCP (Google Cloud Platform)

☐

IBM Cloud

#3. What technique is used to spread data evenly across nodes in a cluster for parallel processing?

☐

Sharding

☐
Partitioning

☐
Replication

☐
Indexing

☐
Joins

#4. Which technology is known for its high-speed processing of data streams and complex event processing?

☐
Flink

☐
Spark

☐
Hadoop

☐
Hive

☐
Pig

#5. In a Hadoop ecosystem, which component is responsible for resource allocation and scheduling of tasks?

☐
YARN (Yet Another Resource Negotiator)

☐
HDFS (Hadoop Distributed File System)

☐
MapReduce

☐
Hive

☐
Pig

#6. What type of analytics focuses on identifying patterns and trends in historical data?

☐
Predictive Analytics
☐
Descriptive Analytics
☐
Diagnostic Analytics
☐
Prescriptive Analytics
☐
Data Mining

#7. Which database type is optimized for handling hierarchical and network data models?

☐
Graph Databases
☐
NoSQL Databases
☐
SQL Databases
☐
Relational Databases
☐
In-Memory Databases

#8. What is the term for the process of summarizing and combining data to create higher-level information?

☐
Data Aggregation

☐

Data Wrangling

☐

Data Mining

☐

Data Integration

☐

Data Normalization

#9. Which cloud platform provides services like BigQuery and Cloud Dataflow for Big Data processing?

☐

GCP (Google Cloud Platform)

☐

AWS (Amazon Web Services)

☐

Azure (Microsoft)

☐

IBM Cloud

☐

Oracle Cloud

#10. Which technique is used to optimize data retrieval by creating a smaller, indexed representation of the data?

☐

Indexing

☐

Joins

☐

Replication

☐

Sharding

☐

Partitioning

#11. What is the term for the process of exploring and analyzing data to uncover hidden insights?

☐

Data Exploration

☐

Data Wrangling

☐

Data Aggregation

☐

Data Integration

☐

Data Normalization

#12. Which cloud platform provides services like Alibaba Cloud MaxCompute and E-MapReduce for Big Data processing?

☐

Alibaba Cloud

☐

AWS (Amazon Web Services)

☐

Azure (Microsoft)

☐

GCP (Google Cloud Platform)

☐

Oracle Cloud

#13. What technique is used to store multiple copies of data on different nodes for fault tolerance?

☐

Replication

☐

Sharding

☐

Partitioning

☐

Indexing

☐

Joins

#14. Which technology is known for its real-time data processing capabilities and low-latency streaming?

☐

Flink

☐

Spark

☐

Hadoop

☐

Hive

☐

Pig

#15. In a Hadoop ecosystem, which component is responsible for managing and executing data processing tasks?

☐

MapReduce

☐

YARN (Yet Another Resource Negotiator)

☐

HDFS (Hadoop Distributed File System)

☐

Hive

☐

Pig

#16. What type of analytics focuses on determining the impact of past events or decisions?

☐

Diagnostic Analytics

☐

Descriptive Analytics

☐

Predictive Analytics

☐

Prescriptive Analytics

☐

Data Mining

#17. Which database type is designed for efficiently storing and retrieving data with high availability and scalability?

☐

NoSQL Databases

☐

SQL Databases

☐

Relational Databases

☐

In-Memory Databases

☐

Graph Databases

#18. What is the term for the process of combining and summarizing data to provide an overview of key metrics?

☐

Data Aggregation

☐

Data Wrangling

☐

Data Mining

☐

Data Integration

☐

Data Normalization

#19. Which cloud platform provides services like Snowflake and Cloudera for Big Data processing?

☐

AWS (Amazon Web Services)

☐

Azure (Microsoft)

☐

GCP (Google Cloud Platform)

☐

IBM Cloud

☐

Oracle Cloud

#20. Which technique is used to efficiently search and retrieve data based on specific criteria?

☐

Indexing

☐

Joins

☐

Replication

☐

Sharding

☐
Partitioning

Next

Results