

**BDA MID-2**

1		Explain the Partitioner in MapReduce framework with suitable example.			
<b>OR</b>					
2		Illustrate the how to Manage Resources and Applications with Hadoop YARN.			
3	a	Outline the Cassandra Architecture and its features.			
	b	Apply the various CRUD Operations in Cassandra with suitable example.			
<b>OR</b>					
4	a	Develop the various MongoDB CRUD Operations with suitable example.			
	b	Examine the various methods of Count (), Limit (), Sort (), and Skip () in MongoDB query results with example.			
5	a	Explain in detail of Pig architecture and its components.			
	b	Expalin the various Relational Operators in Apache Pig with suitable example.			
<b>OR</b>					
6	a	What is Hive and explain the Architecture of Hive.			
	b	Differentiate the Apache Pig and Apache Hive.			

1		Write short notes on compression techniques in Hadoop.			
<b>OR</b>					
2		Illustrate the Map Reduce architecture in hadoop in detail.			
3	a	Illustrate the various Collection Types and Table Operations with suitable example in Cassandra.			
	b	Apply the Keyspaces, Table, Column Family and Column with suitable examples in Cassandra.			
<b>OR</b>					
4	a	Summarize the various features of MongoDB			
	b	Identify various Data Types in MongoDB with examples.			
5	a	List the features of Apache Pig. Explain various types of Data Types in Apache Pig.			
	b	Write a Word Count program using Apache Pig.			
<b>OR</b>					
6	a	List the various Hive Data Types.			
	b	Develop the various Hive Query Language (HQL) using DDL and DML with suitable examples.			