

**Bharati Vidyapeeth
(Deemed to be University), Pune
School of Distance Education**

Name of the Assignment Setter:		Dr. Dhanashri Vinay Sahasrabuddhe		
Course:	BCA	Class:		Semester: VI
Subject: Hadoop				
Q.1)	Attempt ANY ONE of the Following (1000 Words)			(10)
a)	What is Big Data? Explain the features of Big Data. Discuss any two uses cases where big data is observed			
b)	Write role of Apache Hive, Apache Hbase and pig as components of Hadoop			
Q.2)	Attempt ANY TWO of the Following (800 Words)			(12)
a)	What are advantages of MapReduce over traditional way of processing data?			
b)	Explain any 5 commands used in Hadoop.			
c)	With proper diagram explain architecture of HDFS.			
d)	Discuss any two use cases where MapReduce is used.			
Q.3)	Write Short Notes on (ANY TWO)			(08)
a)	Advantages of Hadoop			
b)	Big Data Architecture			
c)	Big Data Analytical Systems			
d)	Process steps for Adding and removing node from Hadoop Cluster			
