

Attempt all questions in brief.

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				Sub	oject	Co	de: I	KCS	6061
Roll No:									

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2*10 = 20

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BTECH
(SEM VI) THEORY EXAMINATION 2021-22
RIC DATA

Time: 3 Hours Total Marks: 100

Note: Attempt all Sections. If you require any missing data, then choose suitably.

SECTION A

Questions

2 (0)	Questions		
(a)	List any five Big Data platforms.		1
(b)	Write any two industry examples for Big Data.		1
(c)	What is the role of Sort & Shuffle in Map-Reduce?		2
(d)	Give the full form of HDFS.		2
(e)	What is the block size of a HDFS?		3
(f)	Name the two type of nodes in Hadoop.		3
(g)	Compare and Contrast No SQL Relational Databases.		4
(h)	Does MongoDB support ACID properties? Justify your answer.		4
(i)	Describe schema.		5
(j)	Discuss the different types of data that can be handled with HIVE.		5
Attem	SECTION BOOT any three of the following:	10*	*3 = 3
Qno	Questions		CO
(a)	Detail about the three dimensions of BIG data.		1
(b)	Illustrate the architecture of Map-Reduce.	Ó.	2
(c)	Examine how a client read and write data in HDFS.)	3
(d)	With the help of suitable example, explain how CRUD operations a	ire	4
	performed in MongoDB.		
(e)	Differentiate between Map-Reduce, PIG and HIVE		5
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