18SCS21

(08 Marks)

Second Semester M.Tech. Degree Examination, June/July 2019 **Managing Big Data**

Time: 3 hrs.

BANG

Max. Marks: 100

Note: Answer any FIVE full questions, choosing ONE full question from each module.

		Module-1	
1	a.	Explain about Big data analytics.	(10 Marks)
	b.	Explain about unstructured data and implementing unstructured data management.	(10 Marks)
		and the same and t	(10 Marks)
			(101.101110)
		OR	
2	a.	Explain briefly on Web analytics in Big data.	(12 Marks)
	b.	Explain about crowd sourcing analytics and Mobile business intelligence.	(08 Marks)
		Module-2	
3	a.	Explain about Aggregate data models and key value document data models.	(12 Marks)
	b.	Explain about Schema less databases in detail.	(08 Marks)
		OR	
4	a.	Explain about distribution models in detail.	(12 Marks)
	b.	Explain about composing map-reduce calculations.	(08 Marks)
_		Module-3	
5	a.	Explain about Hadoop streaming and Hadoop pipes in detail.	(12 Marks)
	b.	Explain about HDFS design and its concepts.	(08 Marks)
		OD	
6	0	Explain about file begad data structure	2010
U	a. b.	Explain about file based data structure. Explain about Avro.	(12 Marks)
	υ.	Explain about Avio.	(08 Marks)
		Module-4	
7	a.	Explain detail about anatomy of Mapreduce Job Run.	(12 Marks)
	b.	Explain about unit test with MR unit in detail.	(12 Marks) (08 Marks)
			(oo marks)
		OR	
8	a.	Explain about YARN and job scheduling in MapReduce applications.	(12 Marks)
	b.	Explain about types of MapReduce.	(08 Marks)
		Module-5	
9	a.	Explain about Hbase clients and its example.	(10 Marks)
	b.	Explain about Cassandra data model and its example.	(10 Marks)
10		OR Explain about Divides madel in detail	
10	a.	Explain about Pig data model in detail.	(12 Marks)

Explain about Hive QL data in detail and its Queries.

2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8=50, will be treated as malpractice. Important Note: 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.