GBCS SCHEME

			GEOG	
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Eighth Semester B.E. Degree Examination, July/August 2021 Big Data Analytics

Time: 3 hrs.

Max. Marks: 80

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Note: Answer any FIVE full questions.

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1		What do you understand by HDFS? Explain its components with neat diagram. Explain any eight user HDFS commands.	(08 Marks) (08 Marks)						
2	a. b.	Explain HDFS NAME NODE Federation , NFS Gateway , Check point and HDFS Snapshots. With a neat diagram, explain Apache Hadoop parallel Map Reduce data flow.	Backups , (08 Marks) (08 Marks)						
•	_	Explain the structure of Yarn Application.	(08 Marks)						
3	a. b.	With a neat diagram, explain Yarn Application Framework.	(08 Marks)						
	υ.								
4	a.	Explain Apache Squoop Import and Export method.	(08 Marks)						
-	b.	Explain Apache Ambasi service view of a Hadoop Cluster.	(08 Marks)						
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5	a.	Briefly explain Business Intelligence. Explain Business Intelligence Data Mining	(08 Marks)						
		diagram	(08 Marks)						
	b.	Write any four Business Intelligence Application for various sectors.	(US Marks)						
			(08 Marks)						
6	a.	Explain important Data Mining Techniques.							
	b.	Explain important Data Willing Techniques. What do you understand by Data Visualization? List and describe the various cha	(08 Marks)						
		data visualization.	(002.2						
		1 dies desertages of using Regression Models.	(08 Marks)						
7	a.	Describe the advantages and disadvantages of using Regression Models.	(08 Marks)						
	b.	Explain Decision tree and write the algorithm to construct decision tree.							
		Explain design principles of Artificial Neural Network.	(08 Marks)						
8	a.	Explain design principles of Artificial reductive works	(04 Marks)						
	b.	Explain Regression. List key steps of Regression.	(04 Marks)						
	c.	Explain Apriori Algorithms.							
	Cal.	Explain briefly types of Web Mining Techniques.	(08 Marks)						
9	a.	Explain different Text Mining Application.	(08 Marks)						
	b.		oggs allie						
10		Discuss the application and practical consideration of Social Network Analysis.	(08 Marks)						
10	a. b.	. a W . X7 Manhama' Lyplain its model	(08 Marks)						
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Important Note: 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.

2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.