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

Time: 3 hrs.

Max. Marks: 80

olank pages. 50, will be treated as malpractice.			Note: Answer any FIVE full questions.	
	1	a.	What do you understand by HDFS? Explain its components with neat diagram.	(08 Marks)
		b.	Explain any eight user HDFS commands.	(08 Marks)
ated a	2	a.	Explain HDFS NAME NODE Federation, NFS Gateway, Check point and	Backups,
trea			HDFS Snapshots.	(08 Marks)
k page: will be		b.	With a neat diagram, explain Apache Hadoop parallel Map Reduce data flow.	(08 Marks)
lanl 50,	3	a.	Explain the structure of Yarn Application.	(08 Marks)
		b.	With a neat diagram, explain Yarn Application Framework.	(08 Marks)
ema	4	a.	Explain Apache Squoop Import and Export method.	(08 Marks)
ten o		b.	Explain Apache Ambasi service view of a Hadoop Cluster.	(08 Marks)
on t writ				G 1 1:1
nes	5	a.	Briefly explain Business Intelligence. Explain Business Intelligence Data Mining	
ss l uati			diagram.	(08 Marks)
r equ		b.	Write any four Business Intelligence Application for various sectors.	(08 Marks)
diagona r and /o	6		Explain important Data Mining Techniques.	(08 Marks)
	6	a.	What do you understand by Data Visualization? List and describe the various char	
aw c		b.	data visualization.	(08 Marks)
y dr.			data visualization.	(
pulsorily peal to e	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.	(08 Marks)
de,				
On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages. Any revealing of identification, appeal to evaluator and /or equations written eg, $42+8=50$, will be	8	a.	Explain design principles of Artificial Neural Network.	(08 Marks)
		b.	Explain Regression. List key steps of Regression.	(04 Marks)
ır an lenti		c.	Explain Apriori Algorithms.	(04 Marks)
you of id				(00.14 1.)
ting ng (9	a.	Explain briefly types of Web Mining Techniques.	(08 Marks)
nple /eali		b.	Explain different Text Mining Application.	(08 Marks)
con	10		Discuss the application and practical consideration of Social Network Analysis.	(08 Marks)
	10		the same of the sa	(08 Marks)
1. 2.		b.	what is support vector Machine: Explain its model.	(00 1120110)

Important Note: