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	Gu	ru Nanak Dev En	gineering College, Ludhia	na					
Program	De	D. T. al. (CCE)	puter Science & Engineeri	ng					
Trogram		B.Tech.(CSE)	CSE) Semester 8		8(A,B,C)				
Subject Code Mid Some To a (MCT)		PECS-118	Subject Title	bject Title Big Data					
Mid Semester Test (MST) No.		2	Course Coordinator(s)	Dr.Hardeep Singh Kang					
Max. Marks Date of MST		24	Time Duration 1 hour 30 minutes						
		30 th May, 2022	Roll Number						
Note: At	ttempt all questions								
Q. No.	Question COs, RBT level								
Q1	Illustrate role of Aggregate Data models in Big Data management? CO2, L2								
Q2	Compare and contra	CO3, L4	2						
Q3	Explain Descriptive analytics with exam	C03,4,L2	4						
Q4	Explain Decision Tree Classification & Logistic Regression with CO4, L3 4 example?								
Q5	Illustrate the role of count problem?	CO2,4, L4	4						
Q6	Discuss the use of NoSQL database. List the differences between CO5, L6 NoSQL and relational databases. Explain various categories of NoSQL databases in practice. Also discuss briefly Graph-less Databases.								
Course (Outcomes (CO) will be able to	. Triso discuss one	ny Graph less Databases.						
1	Apply knowledge of problems related to	statistics, science a	and programming skills, to s	olve of	complex ana	lytical			
2	Identify, formulate, and analyze business analytical problems concerning and demanding big data.								
3	Design and evaluate fully distributed model of big data to solve real time problems.								
4	Make use of research-based knowledge to identify the appropriate data collection methods, apply statistical methods to analyze, synthesis and interpretation of data, to provide valid conclusions.								
5	Utilize knowledge of modern tools such as Hadoop, NoSQL, and Artificial intelligence techniques to propose solutions for business analytic demands.								
6	Function in multi-disciplinary teams through groups while working on mini-project concerning business analytical problems.								

RBT Classification	Lower Order Thinking Levels (LOTS)			Higher Order Thinking Levels (HOTS)			
RBT Level Number	L1	L2	L3	L4	L5	L6	
RBT Level Name	Remembering	Understanding	Applying	Analyzing	Evaluating	Creating	