USN

17CS82

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

		1/1	Max. Mar	ks: 100
	Tin	ne: 3	hrs. With	KS. 100
			hrs. Max. Mar	
ice.			Note: Answer any FIVE full questions.	
acti			Transport diagram	(10 Marks)
alpr	1	a.	Wild is UDL9; Exhign its combenents with a near grass-	(10 Marks)
E S		b.	Explain HDFS safemode and rack awareness, with neat diagram.	(10 1/11/11/15)
g g			1 : No Deliver were flet date flow, with next	functional
eate	2	a.	What is MapReduce Program? Explain MapReduce parallel data flow, with neat	(10 Marks)
e tt				
pag ill b		b.	What is Nano node federation? Explain NaneNode high availability design with di	(10 Marks)
nk), w				(20 2.202)
bla = 5(_		The state of Every methods with neat diagram	(10 Marks)
ing +8	3	a.	Explain Apache Squop Import and Export methods, with neat diagram.	
nair , 42		b.	How do you run MapReduce and message passing interface on Yarn architecture?	(10 1:11:11)
rer 1 eg			The Areaks Oorie work flow for Hadoon architecture	e
the	4	a.	Explain with a neat diagram, the Apache Oozie work flow for Hadoop architecture	(10 Marks)
N WI		ı,	What is YARN? Explain Yarn application frame work	(10 Marks)
ine		b.	What is TARTY! Explain I am approacion hand work	,
vati	5	•	What is Business Intelligence? List the different BI applications and explain in	detail any
l cr r eg	. 3	a.	four applications.	(10 Marks)
ona d /o		h	Draw and explain flow of BIDM cycle. Explain the Strategic and Operational dec	isions.
your answers, compulsorily draw diagonal cross lines on the remaining blank pages. of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.		b.	Draw and explain now of Biblit cycle. Explain the	(10 Marks)
aw c				
dra valu	6	a.	Explain CRISP DM cycle, with neat diagram.	(10 Marks)
orily to e	·	b.	Define Data warehouse and illustrate design considerations for data warehouse.	(10 Marks)
ulsc		0.		,
app	7	a.	What is Association Rule? Explain below given rules with suitable examples:	
s, cc on,	•	۵.	:) Confidence iii) Lift	(10 Marks)
wer		b.	What is Unsupervised Machine Learning concept? Explain K – Means clustering	techniques,
ans		Ů.	with suitable example.	(10 Marks)
your answers, if identification		پېښ		
g y of	8	a	Write and explain Apriori Algorithm with example.	(10 Marks)
etin ling		b.	List and explain the steps for developing an ANN (Artificial Neural Network).	(10 Marks)
mpl				
y re	9	a.	Discuss the application and practical consideration of Social network Analysis.	(10 Marks)
Or An		b.	Explain the 3 types of Web mining. Use appropriate flow diagrams to represent the	he same.
.1.		1 7 1	CMRIT LIBRARY	(10 Marks)
ote			CMR11 CILIA 100 CMR11 CILIA 10	(10 Manles)
Important Note: 1. On completing 2. Any revealing of	10) a.	Explain the Text Mining process and the architecture. BANGALORE - 560 037	(10 Marks) (10 Marks)
vrtan		b.	Briefly explain the Data Mining. Compare text mining and data mining.	(In Marks)
upc				
7				