Code No.: CS8231PE

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CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS
I–M.TECH–II–Semester End Examinations (Regular) - September - 2021
BIG DATA ANALYTICS
(CSE)

[Time: 3 Hours]   [Max. Marks: 70]

1. Answer Any **FIVE** Questions. Each Question Carries 14 Marks
2. All Questions Carry Equal Marks
3. Illustrate your answers with NEAT sketches wherever necessary.

5X14=70

1.	a)	Define Big Data? Why we have to perform big data analytics?	[7M]
	b)	Discuss in brief about open source analytical tools?	[7M]
2.	a)	Define data analytics? Explain in brief about types of data analytics?	[7M]
	b)	Describe in brief about popular analytical tools?	[7M]
3.	a)	Explain in brief about Name node, Data Node and Secondary Name node in HDFS.	[7M]
	b)	What is the role of Job tracker and Task tracker in HDFS?	[7M]
4.	a)	Differentiate between RDBMS and Hadoop?	[7M]
	b)	Explain in brief about anatomy of a file write in HDFS?	[7M]
5.	a)	Define social media? What are the key elements of social media?	[7M]
	b)	Define mobile analytics? Disucss in brief about mobile analytical tools?	[7M]
6.	a)	List out and explain the elements of Bigdata?	[7M]
	b)	Why big data analytics is important? What are the top challenges of big data facing now a days?	[7M]
7.	a)	Define analytics? What are the points to be considered during analysis?	[7M]
	b)	Discuss in brief about text analytics?	[7M]
8.	a)	Discuss in brief about the steps involved in Hbase installation?	[7M]
	b)	What is a Data Node? How many instances of Data Node run on a Hadoop Cluster?.	[7M]

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