CMR ENGINEERING COLLEGE:: HYDERABAD
UGC AUTONOMOUS
IV–B.TECH–I–Semester End Examinations (Regular) - November- 2024
BIG DATA ANALYTICS
(CSM)

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

Note: This question paper contains two parts A and B.

Part A is compulsory and carries 20 marks. Answer all questions in Part A.

Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, and c as sub-questions.

PART-A   (20 Marks)

1. a)	List the types of accidents.	[2M]
b)	Write the elements of data architecture.	[2M]
c)	List a few Big data Tools.	[2M]
d)	What are the standard reporting templates?	[2M]
e)	What is SPARK?	[2M]
f)	What is a Key-value data store?	[2M]
g)	What are the types of Big Data Analytics	[2M]
h)	How do you prepare the input data for an algorithm?	[2M]
i)	Summarize product implementation with respect to data visualization.	[2M]
j)	How is Data Visualization used in getting draw insights out of visualization tools?	[2M]

PART-B   (50 Marks)

2. Explain the process of exporting data to Cloud (AWS)   [10M]

OR

3. List the guidelines for identifying and reporting an accident or emergency in detail.   [10M]

4. What is knowledge management? Explain about model-based techniques.   [10M]

OR

5. Explain about the Kepner-Tregoe Matrix Decision Model.   [10M]

6. Summarize standardized reporting and compliances.   [10M]

OR

7. Describe in detail about descriptive analytics.   [10M]

8. Illustrate the Train Model using Machine Learning. Algorithm and Test model.   [10M]

OR

9. Explain Hypothesis Testing in detail.   [10M]

10. Demonstrate and prepare the data for visualization with any two illustrations.   [10M]

OR

11. Explain Data Visualization in Tableau.   [10M]

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