



**SURESH
GYAN VIHAR**
UNIVERSITY
Accredited by NAAC with 'A' Grade

INTERNAL ASSIGNMENT - 1

Course	MCA	Big Data Analytics
Semester	5	
Total Marks:	15	

Q.1. Write answers for any two questions from below. 5 marks each – Word limit – 500

- A. What is Hadoop? Name the Main Components of a Hadoop Application.
- B. What is Data Visualization? Explain with example in R.
- C. Differentiate between Hadoop and MapReduce.

Q.2. Write short notes on all of the following topics (1 mark each - Word limit - 100)

- A. Explain different types of data analytics.
- B. Explain select, select order by and select group by statement.
- C. Explain traditional data processing life cycle.
- D. Explain Data Science process.
- E. Explain lifecycle of data analytics.



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INTERNAL ASSIGNMENT - 2

Course	MCA	Big Data Analytics
Semester	5	
Total Marks:	15	

Q.1. Write answers for any two questions from below. (5 marks each – Word limit – 500)

- A. Explain Pig architecture.
- B. What are the different Pig components?
- C. Write a note on Select and Build the Analytical Models.

Q.2. Write short notes on all of the following topics (1 mark each - Word limit - 100)

- A. How Big Data is useful in Healthcare?
- B. What are the different types of Big Data?
- C. Describe various sources of Big Data?
- D. What is Pipe operator? Explain with example in R.
- E. How Supervised Learning Works?