

**END SEMESTER EXAMINATION  
BIG DATA SEARCH**

**Programme Name: B.Tech(CSE- BIG DATA )**

**Semester : VI**

**Course Name : Big Data Search**

**Course Code : CSBD3004**

**Max. Marks : 60**

**Nos. of page(s) : 01**

**Instructions : 1.This is an Open Book Exam.**

**2.All questions are compulsory.**

**3.Time Duration : 4 hours**

**4.Support your answer with appropriate diagrams wherever required .**

**5.Upload the assignment on Blackboard in pdf format.**

S. No.		Marks	CO
Q1	Elaborate the need for data search . Draw out the Comparison between RDBMS and Elastic Search.	10	CO1
Q2	Elucidate the advantages of text search engine. Discuss the Backend components of Elastic Search.	10	CO1
Q3	Describe the different types of analyzers provided by Apache Lucene . The limitations of Apache Lucene.	10	CO2
Q4	Explain the Apache Lucene architecture with help of a diagram . Discuss the concept of Inverted index in Apache Lucene with the help of an example .	10	CO2
Q5	Explain the features of Apache Solr . Discuss the features of Scala.	10	CO3
Q6	Highlight the advantages of Elastic Search . Discuss the shard best practices.	10	CO3