

**R20**

Code No: 874AC

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**MCA IV Semester Examinations, September/October - 2022**

**BIGDATA ANALYTICS**

**Time: 3 Hours**

**Max.Marks:75**

**Answer any five questions  
All questions carry equal marks**

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- 1.a) Compare and contrast the terms structured, unstructured and semi-structured data.
- b) What are the technical challenges with big data? Explain. [8+7]
- 2.a) What are the four types of analytics? Explain.
- b) Distinguish between data warehouse and Hadoop. [8+7]
- 3.a) Explain how reporting and analytics differ. Why are they important?
- b) What are various analytical approaches in big data? Explain. [7+8]
4. How to build a data analytics team? Give the roles and responsibilities of analytics team. [15]
5. What is HDFS? What are the components of HDFS architecture? Explain. [15]
6. Give an overview of Hadoop MapReduce framework. [15]
- 7.a) Distinguish between RDBMS and Hadoop.
- b) What are the components of Hadoop architecture? Explain. [8+7]
- 8.a) Give a detailed notes on mobile analytics.
- b) Explain any two applications of social media analytics. [8+7]

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