

**R17****Code No: 844AM****JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****MCA V Semester Examinations, February - 2022****BIG DATA ANALYTICS****Time: 3 hours****Max.Marks:75****Answer any Five Questions  
All Questions Carry Equal Marks**

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1. Discuss the significance of distributed and parallel computing for big data. Give suitable examples. [15]
2. Explain the top challenges being faced by big data and challenges that prevent businesses in capitalizing big data. [15]
3. What is the importance of analytics? What points need to be considered during analysis? [15]
4. With suitable example, discuss phases of text analytics process. [15]
5. Explain various techniques to optimize MapReduce jobs with illustrations. [15]
6. Describe the architecture of HBase and demonstrate storing big data in it. [15]
7. Explain Hadoop YARN functionality for managing resources and applications. [15]
8. Discuss the need of mobile analytics and describe the types of results from mobile analytics. [15]

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