

Code No: 117JU

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year I Semester Examinations, November/December - 2016

BIG DATA ANALYTICS

(Common to CSE, IT)

Time: 3 Hours

Max. Marks: 75

Note: This question paper contains two parts A and B.
 Part A is compulsory which carries 25 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, c as sub questions.

PART- A

(25 Marks)

- 1.a) List the types of accidents. [2]
- b) Write the elements of data architecture. [3]
- c) List the stages of OODA Loop. [2]
- d) What are standard reporting templates? [3]
- e) What is map reduce? [2]
- f) What is Key-value data store? [3]
- g) What are the types of machine learning? [2]
- h) How do you prepare the input data for an algorithm? [3]
- i) List Quick Visual Options in Tableau. [2]
- j) What is role of the workspace in Tableau? [3]

PART-B

(50 Marks)

2. Explain in detail about Export Job Process. [10]
3. List the Guidelines for identifying and reporting an accident or emergency in detail. [10]
- 4.a) What is Knowledge Management? [10]
- b) Explain about Model Based Techniques. [3+7]
5. Explain about the Kepner-Tregoe Matrix Decision model in detail. [10]
6. List the classification of NoSql Databases and explain about Columns based Database. [10]
7. Explain about the Graph Databases and Descriptive Statistics. [10]
8. Describe Train model using machine learning algorithm, Test model. [10]
9. Explain Knowledge Discovery in Databases task in detail. [10]
10. Explain data visualization in Tableau. [10]
11. Draw insights out of any one visualization tool. [10]