

R13

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]
- OR
3. List the Guidelines for identifying and reporting an accident or emergency in detail. [10]
- 4.a) What is Knowledge Management? [3+7]
- b) Explain about Model Based Techniques. [3+7]
- OR
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]
- OR
7. Explain about the Graph Databases and Descriptive Statistics. [10]
8. Describe Train model using machine learning algorithm, Test model. [10]
- OR
9. Explain Knowledge Discovery in Databases task in detail. [10]
10. Explain data visualization in Tableau. [10]
- OR
11. Draw insights out of any one visualization tool. [10]