R13

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 Tablue.	[2]
j)	What is role of the workspace in Tablue?	[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?	
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 Tablue.	[10]
	OR	
11.	Draw insights out of any one visualization tool.	[10]

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