R15

Code No: 824AM

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
MCA IV Semester Examinations, January - 2018
BIG DATA ANALYTICS

Time: 3hrs   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

5 × 5 Marks = 25

1.a)	What are the elements of big data?	[5]
b)	Who are the participants of Analytics team?	[5]
c)	Illustrate Map reduce method.	[5]
d)	Explain HDFC.	[5]
e)	Name the types of applications for mobile analytics.	[5]

PART - B

5 × 10 Marks = 50

2.	Explain the term "Data Science".	[10]

OR

3.	Write short notes on:	
	a) Challenges in big data b) Open source analytics tools	[5+5]

4.	Detail on any two popular analytical tools.	[10]

OR

5.	Give an account on	
	a) Text analytics b) Analytical approaches	[5+5]

6.	Describe the architecture of HDFS.	[10]

OR

7.	Explain	
	a) Programming with Hbase b) Packages in Hadoop	[5+5]

8.	How Hadoop manages the resources and its applications?	[10]

OR

9.	Explain about	
	a) HDFC daemons b) YARN.	[5+5]

10.	Discuss on social media analytics.	[10]

OR

11.	Write about	
	a) Sentiment analysis	
	b) Web data analysis	[5+5]

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