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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