

Roll No.2182300201

Total No. of Questions : 6]

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EY-246

B.Tech. VIIth Semester (New Scheme) CSE

Examination, 2023-24

Big Data Analytics

Paper - CS-701

Time : 3 Hours]

[Maximum Marks : 60

Note :- Attempt all questions. All questions Carry Equal Marks.

Question 1 is compulsory. There are Internal Choices
between Ques. 2 to Ques. 6.

1. Explain Briefly.

2×5=10

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(1)

P.T.O.

- (i) HADOOP
- (ii) Graph
- (iii) SQL
- (iv) User Analytics
- (v) Data Sets

Unit-I

2. (a) What is Technology Available in Big Data? Explain. 10
- (b) Explain the evolution of Big Data and its features?

OR

- (a) Define Characteristics of Big data with examples?
- (b) Explain Infrastructure of User data Analytic in Big data?

Unit-II

3. (a) What is the term HADOOP Structured Data? Explain. 10

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(2)

- (b) Explain the managing application in HADOOP YARN?

OR

- (a) What is maping resources in HADOOP? Explain.
- (b) What do you mean by RDBMS? Explain.

Unit-III

4. (a) Explain the Execution Model in HADOOP? 10
- (b) What is the HIVE Query language? Explain.

OR

- (a) Explain Data Types in Pig running execution?
- (b) Define ETL Processing with its Design?

Unit-IV

5. (a) What is the concept of NoSQL Business Driver? Explain. 10

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(3)

P.T.O.

- (b) What is Application of Managed Big data in NoSQL?
Explain.

OR

- (a) Explain MongoDB and its installation process?
(b) Explain Variation and Functionality in NoSQL?

Unit-V

6. (a) What is the Social Network Graph? Explain its advantages. 10
(b) Explain Concepts of Social Community in Social networks?

OR

- (a) Explain Application of Social Network Mining and its features?
(b) Explain Recommender System architecture in detail?
