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Semester VIII (B.Tech)

Er. No. 201323

Academic Year: 2023-24

Jaypee University of Engineering & Technology, Guna

Mid Term Examination VIII Semester-Project At Industry (2024)

18B14CI763 – BIG DATA ANALYTICS

Maximum Duration: 1 Hour 30 Minutes

Maximum Marks: 25

Notes:

1. This question paper has five questions.
2. Write relevant answers only.
3. Do not write anything on question paper (Except your Er. No.).

| | Marks | CO No. |
|---|-------|--------|
| Q1. How do you define big data? Enlist and explain its characteristics. | [05] | CO1 |
| Q2. With the help of suitable illustration explain HDFS. | [05] | CO1 |
| Q3. With the help of suitable example define and explain the term frequency distribution. In the following, arrange the numbers 12, 56, 42, 21, 5, 18, 10, 3, 61, 34, 65, and 24 in an array and determine the range. | [05] | CO2 |
| Q4. Define at least three measures we generally use to measure the central tendency of the given data set. | [05] | CO2 |
| Q5. Using method of least square, derive expressions to estimate various constants for least-square lines. | [05] | CO3 |