

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech III Year II Semester Supplementary Examinations May/June-2024
BIG DATA ANALYTICS
(Common to CSE & CSIT)

Time: 3 Hours**Max. Marks: 60**

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I

- | | | | | |
|---|---|-----|----|----|
| 1 | a What is Big Sheets? What can be done with big sheets? | CO6 | L1 | 6M |
| | b Explain in detail about Infosphere Big Insights. | CO6 | L2 | 6M |

OR

- | | | | | |
|---|---|-----|----|----|
| 2 | a What is big data analytics? Identify the Classification of Analytics. | CO1 | L3 | 6M |
| | b Illustrate in detail about Hadoop streaming. | CO2 | L2 | 6M |

UNIT-II

- | | | | | |
|---|--|-----|----|-----|
| 3 | What are the advantages of Hadoop? Explain Hadoop Architecture and its Components with proper diagram. | CO2 | L3 | 12M |
|---|--|-----|----|-----|

OR

- | | | | | |
|---|---|-----|----|-----|
| 4 | Explain the block, name node and data node in Hadoop file system. | CO3 | L2 | 12M |
|---|---|-----|----|-----|

UNIT-III

- | | | | | |
|---|--|-----|----|-----|
| 5 | Construct the Classic MapReduce Job Run with a neat diagram. | CO1 | L1 | 12M |
|---|--|-----|----|-----|

OR

- | | | | | |
|---|---|-----|----|----|
| 6 | a What are the Properties in Task Execution Environment. | CO4 | L1 | 6M |
| | b Discuss about Speculative Execution and its Properties. | CO4 | L2 | 6M |

UNIT-IV

- | | | | | |
|---|---|-----|----|-----|
| 7 | Develop the Schemas and Functions in Pig Latin. | CO5 | L3 | 12M |
|---|---|-----|----|-----|

OR

- | | | | | |
|---|--|-----|----|-----|
| 8 | What is Pig? How to Install and execute PIG on Hadoop Cluster. | CO5 | L2 | 12M |
|---|--|-----|----|-----|

UNIT-V

- | | | | | |
|---|--|-----|----|-----|
| 9 | Discuss about Hive shell command line interface. | CO5 | L2 | 12M |
|---|--|-----|----|-----|

OR

- | | | | | |
|----|---|-----|----|----|
| 10 | a Explain about IBM Big SQL. | CO6 | L2 | 6M |
| | b Assess how HBase is implemented at Streamy.com. | CO6 | L4 | 6M |

***** END *****

