

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 18

B.Tech.(CSE) (2012 to 2017 E-III) (Sem.-7,8)

BIG DATA

Subject Code : BTCS-914

M.Code : 71906

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A**Explain the following in brief :**

1. Classification
2. Data Mart
3. No SQL
4. RDF
5. Thread pooling
6. Stream Processing
7. Data Node and Block
8. Map Reduce
9. Explain Meta Data related to NameNode
10. Define Large Data Sets and also discuss size of those.

SECTION-B

11. Explain GPFS file system in detail.
12. Write a short note on HBSE.
13. Write a short note on JSON Store.
14. Define and compare JAQL and PIG languages of data processing.
15. Compare the Stream and Batch processing in Hadoop Eco System.

SECTION-C

16. Explain the Hadoop Architecture in detail using suitable diagram.
17. Discuss different distributed file system used for large data sets.
18. How stream processing handled in Hadoop and which tools used?

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.