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Question Paper Code: 52304

M.E. DEGREE EXAMINATION, MAY 2017

Elective

Computer Science and Engineering

15PCS514 - MANAGING BIG DATA

(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (5 x 20 = 100 Marks)

1. (a) Discuss about the three dimensions of big data and why crowd sourcing analytics needed? Explain. (20)
Or
(b) Explain the big data in credit risk management. (20)
 2. (a) Discuss briefly about key-value and document data model. (20)
Or
(b) Discuss Master slave and peer-peer replication in detail. (20)
 3. (a) Discuss the steps involved in designing the HDFS. (20)
Or
(b) Discuss serialization in detail. (20)
 4. (a) Classify the failures in YARN and Map Reduce. (20)
Or
(b) Explain briefly about Input Format and Output format in detail. (20)
 5. (a) Explain Cassandra architecture and its data model in detail. (20)
Or
(b) Explain Hive data types and file formats. (20)
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