BACHELOR OF COMPUTER APPLICATIONS (CBCS - 2018 COURSE)
B.C.A. Sem-VI : WINTER : 2021
SUBJECT: HADOOP

Day : Monday
Date :31-01-2022 **W-22706-2021** Time : 02:00 PM-05:00 PM
Max. Marks: 60

N. B. :

1) Attempt **ANY THREE** questions from section **I** and attempt **ANY TWO** questions from section **II**.
2) Figures to right indicate **FULL** marks.
3) Answers to both the sections should be written in **SAME** answer book.
4) Draw neat and labelled diagrams **WHEREVER** necessary.

SECTION – I

Q. 1 What is Big Data? Explain different benefits of the Big Data. **(10)**

Q. 2 Describe with neat diagram of Hadoop architecture. **(10)**

Q. 3 Explain procedure for retrieving data from Hadoop distributed file system (HDFS) **(10)**

Q. 4 What is MapReduce? Write the algorithm for MapReduce. **(10)**

Q. 5 Explain following terms: **(10)**

a) Apache Hive

b) Apache Pig

Q. 6 Write notes on **ANY TWO** of the following: **(10)**

a) Apache HBase

b) Big Data Challenges

c) Features of HDFS

SECTION – II

Q. 7 How Hadoop can be useful in banking industry? Explain in detail. **(15)**

Q. 8 Explain the procedure of the Hadoop Installation in detail. **(15)**

Q. 9 Explain any seven Hadoop commands in terminal with example. **(15)**

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