

SUPPLEMENTARY
BACHELOR OF COMPUTER APPLICATIONS (CBCS - 2018 COURSE)
B.C.A. Sem-VI :SUMMER- 2022
SUBJECT : HADOOP

Day : Saturday

Time : 10:00 AM-01:00 PM

Date : 27-08-2022

S-22706-2022

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.
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SECTION – I

- Q. 1** What is Big Data? Discuss Big Data challenges. **(10)**
- Q. 2** Explain in detail the concept of Hadoop Distributed File System. **(10)**
- Q. 3** Explain procedure for inserting data into Hadoop Distributed File System (HDFS) **(10)**
- Q. 4** Differentiate between traditional way and MapReduce way with example. **(10)**
- Q. 5** Explain following terms: **(10)**
- a) Apache Hive
 - b) Apache HBase
- Q. 6** Write notes on **ANY TWO** of the following: **(10)**
- a) Feature of Hadoop
 - b) Listing files in HDFS
 - c) Apache Pig

SECTION – II

- Q. 7** How Hadoop can be useful in Healthcare? Explain in detail. **(15)**
- Q. 8** Discuss the procedure of Hadoop installation in detail. **(15)**
- Q. 9** Discuss any seven basic Hadoop commands in terminal with example. **(15)**

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