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

Day : Wednesday

Date : 01-06-2022

S-22706-2022

Time : 10:00 AM-01:00 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   Big Data technology operational v/s analytical system. **(10)**

Q. 2   Explain in brief features of Hadoop and discuss advantages of Hadoop. **(10)**

Q. 3   Describe in detail architecture of Hadoop Distributed File System (HDFS) **(10)**

Q. 4   Explain MapReduce concept with example. **(10)**

Q. 5   Explain the following terms: **(10)**
   a) Apache Pig
   b) Apache Hive

Q. 6   Write notes on **ANY TWO** of the following: **(10)**
   a) Hadoop Concept
   b) Apache HBase
   c) Big Data

SECTION – II

Q. 7   How Hadoop can be useful in Education Management System? Explain. **(15)**

Q. 8   What is multimode cluster? Explain Hadoop installation in detail. **(15)**

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

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