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BACHELOR OF COMPUTER APPLICATIONS (CBCS - 2018 COURSE)

B.C.A. Sem-V : WINTER- 2022

SUBJECT : INTRODUCTION TO BIG DATA

Day : Thursday

Time : 02:00 PM-05:00 PM

Date : 8/12/2022

W-22704-2022

Max. Marks : 60

N.B.:

- 1) **Q.No.4** from Section-I is **COMPULSORY**.
 - 2) Attempt **ANY TWO** questions from **Q.No.1** to **Q.No.-3** in **Section-I**.
 - 3) Attempt **ANY TWO** questions from **Q.No.5** to **Q.No.-7** in **Section-II**.
 - 4) Figures to the **RIGHT** indicate full marks.
 - 5) Answer to both the sections should be written in same answer book.
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SECTION – I

Q.1 Answer the following:

- a) Draw a neat block diagram of Big Data Architecture and explain it. **[06]**
- b) Discuss how Big Data helps in Business Transformation and Imperatives. **[06]**

Q.2 Answer the following:

- a) Define Big Data. Discuss Big Data Analytic Life Cycle in detail. **[06]**
- b) Explain value creation drivers with an example. **[06]**

Q.3 Answer the following:

- a) Elaborate unintelligent user experience in detail. **[06]**
- b) Illustrate the role of Big Data Analysis to improve Customer Engagement. **[06]**

Q.4 Write short notes on **ANY TWO** of the following: **[12]**

- a) Business Intelligence
- b) Weka
- c) Decision Support System

SECTION – II

Q.5 Explain in detail Big Data Envisioning process. **[12]**

Q.6 How Big Data helps in improving crop productivity and sale with reference to Agriculture Domain with an examples. **[12]**

Q.7 Elaborate Michael Porter's Five Forces Analysis. **[12]**

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