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BUSINESS INTELLIGENCE AND DATA VISUALIZATION

Paper–HM-CS-AIDS-401A

Time Allowed : 3 Hours]   [Maximum Marks : 75

Note : Attempt **five** questions in all, selecting at least **one** question from each Unit. All questions carry equal marks.

UNIT–I

1. (a) What are advantages of making decision using Business Intelligence over making decision without Business Intelligence ?   8

    (b) Explain various strategic techniques used in implementing Business Intelligence.   7

2. (a) What is the purpose of Business Intelligence System?   7

    (b) Differentiate between Business Intelligence and Big Data Analytics.   8

UNIT–II

3. (a) What are various Stages of Data warehousing?   7

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(b) What are different implementation issues involved in implementing Data Warehousing ? 8

4. (a) What is Real Time Warehousing, how it is managed? 7

(b) What are various steps to build Data Warehouse ? 8

UNIT–III

5. (a) What are 5V's of Big Data? What are various important tools used in Big Data Analytics. 8

(b) What are various applications of Stream Analytics ? 7

6. What are different Big Data Technologies, explain in details ? 15

UNIT–IV

7. (a) What are most important qualities of Good Data Visualization? 8

(b) What process is used to transform Raw data into a Visualization. 7

8. (a) What are different types of Data Visualization, explain in detail. 8

(b) How Six Sigma performance is achieved in Business process. 7