Student Registration Number

E

COURSE CODE: DCAP606
COURSE TITLE: BUSINESS INTELLIGENCE

Time Allowed: 3 hours **Max. Marks: 80**

1. *This paper contains 10 questions divided in two parts on 1 page.*

2. Part A is compulsory.

3. In Part B (Questions 2 to 10), attempt any 6 questions out of 9. Attempt all parts of the selected question.

4. *The marks assigned to each question are shown at the end of each question in square brackets.*

5. *Answer all questions in serial order*.

6. The student is required to attempt the question paper in English medium only.

PART -A

Q1.

(a) For what purpose reporting tool functionalities are used? [2]

(b) Describe some of the applications of Business intelligence. [2]

(c) What do you mean by metadata? [2]

(d) What does cube refer to in context of business intelligence? [2]

(e) Give an example to show the use of dimensions. [2]

(f) What are key performance indicators? Why are they used? [2]

(g) Give the importance of Business Intelligence. [2]

(h) Why are reporting services important in SQL Server? [2]

(i) Describe the use of data view. [2]

(j) Differentiate between data warehousing and data mining. [2]

PART –B

Q2. How can you add a measure groups to a cube? Explain in detail. [10]

Q3. Explain with the help of a relevant diagram how data mining is related to knowledge discovery? [10]

Q4. What is dimensional data warehouse? How it plays an important role in knowledge discovery? [10]

Q5. Discuss the various reporting services that are provided by SQL Server. [10]

Q6. Explain the different types of aggregate functions with suitable examples. [10]

Q7. What is an account dimension? How can you build an account dimension to support financial analysis? [10]

Q8. Explain in detail how to use Multidimensional Expressions to query multidimensional data. [10]

Q9. Illustrate with the help of an example the various benefits of using OLAP. [10]

Q10. Explain with the help of an example the concept of parent child dimension. [10]