COURSE CODE: DCAP606
COURSE TITLE: Business Intelligence

Date of Exam:- 6 Sept   **Session:- 1:30-4:30**
Time Allowed : 3 hours   **Max. Marks: 80**

1. This paper contains 10 questions divided in two parts on 2 pages.
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 questions chosen.
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

Part A

Q1. (a) Define Business Intelligence.   [2]

(b) What do you understand by Data Mining?   [2]

(c) What are Surrogate keys?   [2]

(d) Define the term Meta Data.   [2]

(e) What do you understand by Data View?   [2]

(f) Define Multidimensional OLAP.   [2]

(g) What is the meaning of Data Extraction?   [2]

(h) What do you understand by MDX Queries?   [2]

(i) Define the term Parent Child Dimension.   [2]

(j) Why Report generation is important?   [2]

Part B

Q2. What do you understand by Dimensions? What are the different ways of creating and modifying Dimensions for the Business Intelligence project?   [10]

Q3. What is the technique or method used for Mapping Mining structure to source Data columns?   [10]

Q4. What is the meaning of Business Intelligence? Write about various purposes of using Business Intelligence Systems.   [10]

Q5. Write a brief note on OLAP.   [10]

Q6. Write about the concept of creating and deploying cubes including all other required steps. Explain with the help of an example. [10]

Q7. Discuss with the help of example, "Aggregate Functions". [10]

Q8. Explain Data Mining with the help of Data Mining Model Creation. [10]

Q9. Write a note on various Reporting tools used to develop reports for analysis services. [10]

Q10. Explain briefly the concept of Dimensional Data Warehouse. [10]