

Student Registration Number

C

COURSE CODE: DCAP606
COURSE TITLE: BUSINESS INTELLIGENCE

Date: 16-Sep-2013

Time Allowed: 3 hours

Time: 09:30-12:30

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) Define Meta Data. [2]
- b) Define the term CUBE used in business intelligence. [2]
- c) What are DMX languages? [2]
- d) What is multi dimension OLAP [2]
- e) Define the term Data Warehouse. [2]
- f) Define RDBMS. [2]
- g) Define the term Data Mining. [2]
- h) What is the role analysis services tools [2]
- i) Where and why we use surrogate keys? Give example. [2]
- j) Define Drill Down actions. [2]

Part B

- Q2. Enumerate the applications of BI and OLAP [10]
- Q3. What are the shared dimension and reference integrity? Give example. [10]
- Q4. Compare and Contrast between fact dimensions and reference dimensions. [10]
- Q5. What is the role of key performance indicators? Give example. [10]
- Q6. What are the metadata based queries? Give example. [10]
- Q7. Compare and contrast MDX query to a SQL query. Give example. [10]
- Q8. Enumerate the time dimension options in SQL Server 2008 analysis services. [10]
- Q9. What are the standard actions in OLAP? How do we create them? [10]
- Q10. How you can add a measure groups to a cube? Give example. [10]