

Student Registration Number

COURSE CODE: DCAP606

COURSE TITLE: BUSINESS INTELLIGENCE

B

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) What is the difference between BI and BA? [2]
- (b) What is drill-through? [2]
- (c) What is data warehouse? [2]
- (d) What is data mart? [2]
- (e) What is semi structured data? [2]
- (f) What is the use of multidimensional data? [2]
- (g) Define the term data mining. [2]
- (h) What is ETL? [2]
- (i) How DSS useful in business? [2]
- (j) What is slicing and dicing? [2]

PART B

- Q2. Justify the statement "OLTP is different from OLAP". Support your answer with appropriate example and explanation. [10]
- Q3. What are some of the automated IT applications that are a great help to your university in its day to day functioning? Explain. [10]
- Q4. What are the types of operations we can perform on OLAP system? Explain each function with the help of example. [10]
- Q5. What are the types of fact and dimension tables? Discuss about each with the help of example. [10]
- Q6. Let's take an example of xyz enterprise that has an ERP system implemented, which has been running successfully. Would you still suggest them to go for BI? Justify your answer why? [10]
- Q7. Justify the statement "BI contributes to providing visibility into the enterprise performance at different levels". [10]
- Q8. What are the types of Data Mining Algorithms, explain each with the help of example? [10]
- Q9. What are the types of data Mining Tools available in SQL Server? Or how SQL server will help you in mining? [10]
- Q10. What are KPIs and its role? Also describe KPIs which are used for examination department to set the question paper, date sheet and result? [10]