

B.C.A. - III (CBCS Pattern) Sem-V
004 Paper-II (Elective-I) : Data Warehousing and Data Mining

P. Pages : 1

Time : Three Hours



GUG/W/22/13079

Max. Marks : 40

- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat and labelled diagrams wherever necessary.
 3. Avoid vague answers and write answers relevant and specific to questions only.

Either:

1. a) Explain the Information Life cycle in detail. 4
- b) Explain the Data Integration and Transformation in detail. 4

OR

- c) Explain the Data Warehousing Architecture in brief. 4
- d) What is Data Decentralization? Explain in detail. 4

Either:

2. a) Define OLAP. Write down the characteristics of OLAP. 4
- b) Explain in detail OLAP operation in detail 4

OR

- c) Write down the Comparison between OLTP and OLAP? 4
- d) Explain the types of OLAP Server. 4

Either:

3. a) Explain the steps in implementing a data mart in detail. 4
- b) What is Data Model for Data Mart? Explain in detail. 4

OR

- c) Explain the Data Requirements for Data Marts in detail. 4
- d) What are the Performance Issues and Security in a Data Marts? 4

Either:

4. a) Explain in detail Steps of Data Mining. 4
- b) Explain the major issues in data mining in detail. 4

OR

- c) Write down the algorithm for Data Mining. 4
- d) What are the Data Mining Tools explain in brief. 4

5. Attempt all the questions.
- a) Explain the tools for Data Warehousing. 2
- b) Write the advantages of OLAP. 2
- c) Define granular data in brief. 2
- d) Write down the application of Data Mining. 2
