

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

P. Pages : 1

Time : Three Hours



GUG/S/23/13079

Max. Marks : 40

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- 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) What is Information? Give the difference between Data and Information. 4
b) Explain Information Life Cycle in detail along with proper diagram. 4

OR

- c) What is MIS? List the Characteristics of MIS. 4
d) What is Database? Explain any four types of Database. 4

Either:

2. a) What is OLAP? Give the Characteristics of OLAP. 4
b) Explain in detail about Working of OLAP. 4

OR

- c) What is OLTP? Give the difference between OLAP and OLTP. 4
d) Explain in brief about Drilldown Operation in OLAP. 4

Either:

3. a) What is Metadata? List the roles of Metadata. 4
b) Explain in detail about Data Mart along with its types. 4

OR

- c) Discuss about External data and Reference data in detail. 4
d) Explain in detail about steps in implementing a Data Mart. 4

Either:

4. a) What is Data Mining? List the benefits of Data Mining. 4
b) List and explain the major issues in data mining. 4

OR

- c) Discuss about the steps of data mining process in detail. 4
d) Explain in detail about the various approaches to Data mining. 4

5. Attempt all the questions.
a) Write short note on Data Integration. 2
b) Give the advantages and Disadvantages of OLAP. 2
c) What is the concept of Granular data? 2
d) Write about the tools of Data Mining. 2
