

B.Sc. (I.T.) III (with Credits)-Regular-Semester 2012 Sem VI
6BIT2 - Data Warehousing And Data Mining Paper - II

P. Pages : 2

Time : Three Hours



GUG/W/16/5557

Max. Marks : 80

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

Either

1. a) Explain software Components and Table in Data Mart. 8
b) Explain Data Model for Data Mart. And Also Explain Maintenance of Data Mart. 8

OR

- c) What is Data Warehouse? Explain it's characteristics. 8
d) Explain the role of Metadata in the development of Data Mart. 8

Either

2. a) Differentiate between OLTP and OLAP systems. 8
b) Explain star schema for multi-Dimensional view. 8

OR

- c) What is Managed Query Environment? Explain. 8
d) Write Notes on 8
i) Cognos Powerplay ii) Brio Technology.

Either

3. a) What is Data segmentation? Explain. 8
b) Describe the various steps for the development of Data mining. 8

OR

- c) Explain following terms with respect to Data Mining. 8
i) Rule ii) Association.
d) Explain Business objective of Data mining steps. Also explain importance of Data preparation of Data mining. 8

Either

4. a) Explain the terms. 8
i) National Data Warehouse. ii) Census Data.

b) Explain Data warehousing in world bank. 8

OR

c) Explain various tools for Data warehousing. 8

d) Explain performance considerations in Data warehousing. 8

5. Solve **all** the questions.

a) What is differences in Data Mart and Data warehouse. 4

b) Write short notes on:
Pilot Software. 4

c) Explain Distribution of Data in Data mining. 4

d) Explain Applications of Data warehouse and Data mining. 4
