

6BIY2 - Data Warehousing and Data Mining Paper-II

P. Pages : 1

GUG/S/19/1448

Time : Three Hours



Max. Marks : 80

- Notes :
1. All question are compulsory and carry equal marks.
 2. Draw neat and clean diagram wherever necessary.
 3. Avoid vague answer and write answer relevant and specific to question only.

1. Either

- a) What is data warehouse? Give the characteristic of data warehouse. **8**
- b) Explain in brief about load program. **8**

OR

- c) What is data mart? List and explain the types of data mart in detail. **8**
- d) Describe the security issue related to data mart. **8**

2. Either

- a) Draw and explain star schema in detail. **8**
- b) Write about MQE? **8**

OR

- c) Discuss OLAP tools in detail. **8**
- d) Differentiate between traditional database operation and OLAP. **8**

3. Either

- a) What do you mean by data mining? Give the steps of data mining. **8**
- b) Write down the step to build data warehouse. **8**

OR

- c) Write about segmentation algorithm. Illustrate with the help of example. **8**
- d) Write about link analysis with relevant example. **8**

4. Either

- a) List and explain the tools of data warehousing in detail. **8**
- b) Describe the any one case study of data warehouse in detail. **8**

OR

- c) Which are the crucial decision should take while creating data warehouse? Explain with the help of some example. **8**
- d) Write down the case study of world bank. **8**

5. All question are compulsory.

- a) Define metadata and reference data? **4**
- b) Write a short note on fact table. **4**
- c) What is roll-up operation? Explain. **4**
- d) What are the application of data warehousing and data mining. **4**
