

B.E. Eighth Semester (Information Technology) (CGS)

10762 : Professional Elective-II : Data Warehousing & Data Mining : 8 IT 04

P. Pages : 2

Time : Three Hours



AU - 3039

Max. Marks : 80

- Notes :
1. Due credit will be given to neatness and adequate dimensions.
 2. Assume suitable data wherever necessary.
 3. Illustrate your answer necessary with the help of neat sketches.
 4. Use of pen Blue/Black ink/refill only for writing the answer book.

1. a) What is data mining? Explain knowledge discovery process. 7
b) How can handle the missing data? 7

OR

2. a) What are different data compression technique used in data reduction? Explain. 7
b) Why data preprocessing is required. 7
3. a) Explain data preprocessing algorithm AOI for data generalization. 7
b) Explain Data Mining Query Language. 6

OR

4. a) How the different Descriptive statistical measures are helpful in Large databases? 7
b) What is the procedure for class comparison. 6
5. a) What is the application of data mining for financial data Analysis. 7
b) What are different research prototypes? 6

OR

6. a) What are the different dimensional features on which data mining system will be assessed. 7
b) How data mining improve the telecommunication services. 6
7. a) Explain three tier architecture for data warehousing. 7
b) Define a snowflake schema in DMQL. 7

OR

8. a) What is the difference between operational database system and data warehouse system? 8
b) Explain multidimensional data model in detail. 6

9. a) Explain detailed plan of data staging. 7
b) How to implement dimension logic? 6

OR

10. a) What do you mean by facts & dimension? Explain each in details. 7
b) How to speed up the load cycle. 6
11. a) Describe the role of end user application and end user application template. 7
b) Explain analytical cycle in detail. 6

OR

12. a) How can manage data warehouse operation. 7
b) What is the responsibility of the data warehouse steering committee? 6
