

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

THIRD SEMESTER – November 2009

CS 3812 - DATAWARE HOUSING

Date & Time: 03/11/2009 / 9:00 - 12:00 Dept. No.

Max. : 100 Marks

PART A

Answer ALL questions

10 x 2 = 20

1. Define Ad hoc reports.
2. What is fact in Information package?
3. List out the major building blocks of Data warehouse.
4. Why Meta data is said to be the nerve center?
5. Define factless fact table.
6. What does incremental loads in fact tables mean?
7. How the users can interact with the warehouse.
8. Define Data Mining.
9. List out the types of indexing.
10. Why back up is essential?

PART B

Answer ALL questions

5 x 8 = 40

11. (a) Compare operational system and decision support system.
(OR)
(b) Write short notes on information gathering methods.
12. (a) What are the types of tools used in data warehousing? List out the purpose of each type.
(OR)
(b) Explain technical Meta data with example.
13. (a) List and explain the advantages of STAR schema.
(OR)
(b) Write about the purification process.
14. (a) Write about the methodology for selecting the information delivery tool.
(OR)
(b) Explain OLAP in detail.
15. (a) Explain the performance enhancement techniques.
(OR)
(b) List the four major activities during data warehouse deployment for two of these four activities, describe the key tasks.

PART C

Answer any TWO questions

2 x 20 = 40

16. (a) Write short notes on the following significant trends : (i) Parallel Processing (ii) Query Tools (iii) Browser Tools (iv) Data fusion (v) Agent Trends
- (b) Why is Meta data essential for IT? List six processes in which Meta data is significant for IT and explain why.
17. (a) Data Quality Tools – Explain.
- (b) Write about Data Mining applications.
18. (a) Explain the six types of pilots.
- (b) Write an essay about security in warehouse.
