**FINOLEX ACADEMY OF MANAGEMENT AND TECHNOLOGY, RATNAGIRI**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Subject:** | **Advance Data Management System** | | | |
| **Class:** | **TE IT / Semester – V (CBCGS) / Academic year: 2018-19** | | | |
| **Name of Student:** | **Kazi Jawwad A Rahim** | | | |
| **Roll No:** | **32** | | **Date of performance(DOP) :** | **10/10/2018** |
| **Theory Assignment No.** | | **02** | **Date of checking(DOC) :** |  |
| **Marks:** | | **/20** | **Teacher’s Signature:** |  |

|  |  |  |
| --- | --- | --- |
|  | **Attempt all the questions** | **Module** |
| Q.1 | What is distributed database system? | M4 |
| Q.2 | Differentiate between dimensional model and ER model. | M5 |
| Q.3 | Explain distributed database architecture. | M4 |
| Q.4 | Define types of distributed database. | M4 |
| Q.5 | List down features of fact table and dimension table. | M5 |
| Q.6 | Differentiate between fully-additive, semi-additive and non-additive measures with example. | M5 |
| Q.7 | Explain data warehouse architecture. | M5 |
| Q.8 | Explain different levels of transparency in distributed database system. | M4 |
| Q.9 | Differentiate between OLAP and OLTP. | M5 |
| Q.10 | Write short note on different data extraction techniques. | M6 |
| Q.11 | Define following – Initial load, Incremental load, Full refresh, Update. | M6 |
| Q.12 | Explain types of fragmentation. | M4 |
| Q.13 | What are the features of data warehouse? | M5 |
| Q.14 | List and briefly explain different operations on an OLAP system. | M5 |
| Q.15 | List all the types of replication. | M4 |

Priyanka S. Bandagale

Subject In-charge