**Code No: 723AQ**

**R15**

## JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
### MBA III Semester Examinations, December - 2018
### DATABASE MANAGEMENT SYSTEMS

Time: 3hours                                                                 Max.Marks:75

**Note:** This question paper contains two parts A and B.
Part A is compulsory which carries 25 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

### PART - A                                          5 × 5 Marks = 25

1.a)   Compare and Contrast Individual and Organizational Data Management.          [5]
  b)   Explain briefly about Data Sharing.                                          [5]
  c)   Write a short note on the effects of System Failures on Database costs.       [5]
  d)   What are the applications of Data Warehousing Concepts?                      [5]
  e)   Write a short note on Web based OLAP.                                        [5]

### PART - B                                          5 × 10 Marks = 50

2.   Explain in detail about Evaluation on Database Technology File Oriented Systems.
                                                                                   [10]

**OR**

3.a)   Write a detailed note on Components of Organizational Memory.
  b)   Write a short note on Limitations of Traditional File Systems.             [5+5]

4.   Explain in detail about Database Development Life Cycle (DDLC).               [10]

**OR**

5.a)   Explain in detail about sharing data between different levels of users.
  b)   Explain in detail about sharing data between different locations.          [5+5]

6.   Explain in detail about Three Level Database Architecture.                    [10]

**OR**

7.   Write a detailed note on Organizational conflicts of Database.               [10]

8.a)   Explain in detail about Multi Dimensional Data Structures.
  b)   Write a short note on "Extraction" of data into the Data Warehouse.        [5+5]

**OR**

9.   What is Metadata?  Explain in detail about:
     a) Human Meta data
     b) Computer based Meta data for people to use                                [10]

10.a)   Explain in detail about general OLAP Product Characteristics.
  b)   Explain in detail about OLAP Software Architecture.                        [5+5]

**OR**

11.   Explain in detail about various stages in Constructing Data Warehousing System.
                                                                                   [10]

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