

2211040101010003
EXAMINATION MARCH-APRIL 2024
MASTER OF COMPUTER APPLICATIONS
(FIRST SEMESTER)
DATABASE MANAGEMENT SYSTEM - LEVEL 1

[Time: As Per Schedule]

[Max. Marks:70]

Instructions:

1. Fill up strictly the following details on your answer book

- a. Name of the Examination : **MASTER OF COMPUTER APPLICATIONS (FIRST SEMESTER)**
 - b. Name of the Subject : **DATABASE MANAGEMENT SYSTEM - LEVEL 1**
 - c. Subject Code No : **2211040101010003**
2. Sketch neat and labelled diagram wherever necessary.
 3. Figures to the right indicate full marks of the question.
 4. All questions are compulsory.

Seat No:

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Student's Signature

Q.1 Do as directed: 14

A. Define few NoSQL data models. Differentiate SQL and NoSQL. **6**

OR

A. Draw an ER diagram for University department Library system. **6**

B. Consider the table Student (Enrollid, Name, city, gender, emaild, PANCard, bdate, aadhar_no) **5**
Identify a few super keys, candidate keys And 1 primary key. Justify your answer.

C. Explain partial functional dependency giving suitable example. **3**

Q.2 Do as directed: 14

A. Explain Oracle SGA in detail. **6**

B. Explain various procedures of Oracle shutdown. **5**

C. Write complete syntax to create a table in Oracle.	3
Q.3 Do as directed:	14
A. Explain Alter Table command with all the options. Give suitable examples.	6
OR	
A. What is a cursor? Explain implicit cursor and explicit cursor?	6
B. Explain Oracle table level triggers giving appropriate example.	5
C. Write steps to perform Cold backup.	3
Q.4 Do as directed:	14
A. Explain different types of segments in Oracle database.	6
OR	
A. Explain how to backup control file in various ways.	6
B. Explain Exception handling in PL/SQL giving suitable examples.	5
C. Write complete syntax of Create View.	3
Q.5 Do as directed:	14
A. Explain various commands to grant privileges to users.	6
B. What is database role? How to create database role?	5
OR	
B. Write in brief about the Export utility in brief.	5

C. .Explain how to revoke a privilege from all the users of the database
Using a single command.

3
