

National Institute of Technology Calicut

Department of Computer Science and Engineering

CS3095D DATABASE MANAGEMENT SYSTEMS LABORATORY

S5 B Tech - Monsoon Semester 2022

CS3095D DBMS Lab- Tentative Plan of Mid- Term (Exam 1) Evaluation

Marks:30

Date: 07.10.2022

Sl.No	Task	Details	Duration	Marks
1	Evaluation -01 (ER Diagram, ER Diagram into Relation, Relational Schema)	<ul style="list-style-type: none">✓ A database problem statement will be given to the students @ 2.00 PM in Eduserver.✓ Design an ER diagram for the problem given✓ Design relational database by translating the ER Model (ERM) that you have developed into the corresponding Relational Model (ensure that primary key, foreign key and cardinalities are fulfilled in your ER-to-Relation mapping✓ Decide tables and note down DB schema.	60 Minutes	10
2	Evaluation -02 (SQL Basic and Advanced)	<ul style="list-style-type: none">✓ The lab team will post the question (SQL Question paper) to you at 2.45 PM, the question contains a schema and SQL queries on the schema.✓ Syllabus: Basic SQL queries Create / Drop / Backup DB, Create /Alter / Select/Delete, /Update/Insert into tables, Constraints, Constraints -Not NULL, Unique, Primary Key, Foreign Key, Min, Max, Count, Avg, Sum, Order by, Inner join, Outer Join, Left/Right Joins, Group by, Having, Union, Full join, Self Join, Views, in, Between, Aliases and etc.	60 Minutes	14
3	Evaluation -03 (Viva)	<ul style="list-style-type: none">✓ Viva (based on Evaluation-01 and Evaltuion-02)		6

-DBMS Lab Team