

CDAC Mumbai
PG-DAC Sep22 Batch (Juhu & Kharghar)
Module 4: Database Technologies

Time : 2hrs

Marks: 40

MySQL

Create Database system for Restaurant(Like CrossWord) - 35 Marks

- 1. Create minimum 3 tables without any Key constraints(5)**
- 2. Add Primary Key to each table(2.5)**
- 2. Insert minimum five records in each of the table(2.5)**
- 3. Connect atleast 3 tables using Foreign Key(2)**
- 4. Write an appropriate command to Use of Where with OR clause (2)**
- 5. Write a command to show first five records from any one table (2)**
- 6. Write a command for appropriate and logical use of Group By clause(2)**
- 7. Write a query to show the name of costliest Menu along with its cost(2)**
- 7. Create ONE simple view using any of the created table and update the data from view to reflect in base table (2)**
- 8. Write a command to use LEFT JOIN (2)**
- 9. Create the temporary table showing only menu of 'Chinese'. How to remove this table permnantly? (2)**
- 10. Create at least one procedure (with one INPUT and one OUTPUT parameter) based on the created tables with appropriate utility (3)**
- 11. Create a ONE trigger of BEFORE UPDATE ON any one of the table(3)**
- 12. Write a program to display first 5 even numbers using any one of the looping structure of MySQL(3)**

MongoDB

Create Database in MongoDB for Book Store System. - 5 Marks

- 1. Write the command for creating collection & for inserting documents in collections(1)**
- 2. Write a command to omit first 3 documents from the result (1)**
- 3. Write a command to show the effect of AND clause in result(1)**
- 4. Wirte a command to sort the result in descending order based on Book cost(1)**
- 5. Write a command to show unique catogeries of Books (1)**