PG-DBDA (Sep 2022 Batch)
Date : 31/10/2022
Time : 2:00 PM to 4:30 PM

Note: You need to create ONE TEXT FILE containing answers for ALL the modules(MySQL, MongoDB,Cassandra, Redis) .FILENAME should be with <PRNNo_FirstNameLastName>.txt ONLY

MySQL

Create Database system for Medical Store(Like Wellness Forever) - 27 Marks

1. Create minimum 5 tables(5)
2. Insert minimum three records in each of the table(2)
3. Each table must have Primary Key(2)
4. Connect atleast 3 tables using Foreign Key(2)
5. Write an appropriate command to Use of Where with OR clause (2)
6. Write a command to show first five records from any one table (2)
7. Use of JOIN (left or right, any one types) (4)
8. Create at least one procedure (with one INPUT and one OUTPUT parameter) based on the created tables with appropriate utility (4)
9. Create a ONE trigger of BEFORE UPDATE ON any one of the table(4)

MongoDB

Create Database in MongoDB for Medical Store System. - 7 Marks

1. Write the command for creating collection & for inserting documents in collections (minimum 3 documents) (3)
2. For use of AND clause within function (2)
3. For sorting the result in descending order using some field (2)

Cassandra

Write the command for following - 6 Marks

1. Create a Keyspace with all required parameters (2)
2.Create a table 'Branch' with appropriate columns.(2)
3. Insert values like Medicines, Bisucits, FruitJuices and SoftDrinks in one of the column 'Products' of table 'Branch' (2)