Date .....

Expt. No. .....

Page No. .....

Perform the following DB operations using MongoDB

1) Create a database "Student" with the following attributes: Rollno.
   Age
   ContactNo
   Email
2) Insert appropriate values.
3) Write query to update email of Rollno 12.
4) Replace student name from "ABC" to "FEM" of Rollno 11
5) Export the created table into a local file system
6) Drop the table
7) Import a given csv dataset from local file system into mongoDB collection.

1) using Student
db.createCollection("Student");

2) db.Student.Insert({Name:"ABC", rollno:11, Age:20, Email:"abc@gmail.com", contact:1234});
db.Student.Insert({Name:"DEF", rollno:12, Age:22, Email:"def@gmail.com", contact:5678});
db.Student.Insert({Name:"GHI", rollno:13, Age:21, Email:"ghi@gmail.com", contact:91011});

Teacher's Signature : _____

Date _____

Expt. No. _____ Page No. _____

3) db.Student.update({"rollno":10}, {$set:{"Email":"qwerty@gmail.com"}});

4) db.Student.update({"rollno":11}, {$set:{"Age":25}});

5) mongoexport --db Student --collection Student --out Student.json

6) db.Student.drop()

7) mongoimport --db Student student.csv

Teacher's Signature : _____

Date _____

Expt. No. _____ Page No. _____

1) Create a collection by name Customers with the following attributes: Cust_id
Acc_Bal
Acc_Type

2) Insert appropriate values

3) Write a query to display those records whose total balance is greater than 1200 of amount type 'Z' for each cust_id

4) Determine Min & Max acc_bal for each Cust_id

5) Export collection

6) Drop the table

7) Import a given csv dataset

1) Use Database
db.createCollection("Customers")

2) db.Customers.insert({cust_id:1, acc_bal:1500, acc_type: "A"});

3) db.Customers.find({acc_bal:{$gt:1200}, acc_type="Z"})

4) db.Customers.aggregate([
{ $group:{
_id: "$cust_id",
min_bal: {$min: "$Acc-bal"},
max_bal: {$max: "$Acc_bal"}
}
}]);

Teacher's Signature : _____

Date _____

Expt. No. _____ Page No. _____

5) mongoexport -d Database -c Customer
-f cust_id, acc_bal, acc_type
-type = csv -o Custer.csv

6) db.Customers.drop()

7) mongoimport -d Database -c Customer
-type = csv -o CustomerCSV