

Lab 2

① // Creating database & collection

→ use Company

→ db

→ db.createCollection("Employee");

→ db.createCollection("Department");

② // Inserting values

→ db.Employee.insert({_id:1, name:"Raj", role:"Head",
DOB:"21-Dec-1999"});db.Employee.insert({_id:2, name:"Raj", role:"Head",
DOB:"25-Dec-1999"});

→ db.Department.insert({_id:1, deptName:"CSE", student:50});

db.Department.insert({_id:2, deptName:"ISE", student:50});

③ // Update

→ db.Employee.update({_id:2}, {\$set:{joinDate:"21-Aug-2020"}});

db.Employee.update({_id:3}, {\$set:{joinDate:"22-Aug-2020"}});

db.Employee.update({_id:3}, {\$set:{age:30}});

→ db.Department.update({_id:1}, {\$set:{deptNum:1002}});

→ db.Department.update({_id:2}, {\$set:{deptNum:1003}});

Teacher's Signature : _____

③ // Deletion

db.Employee.update({-id: 2}, {\$unset: {joinDate: 1}});

db.Employee.update({-id: 3}, {\$unset: {joinDate: "22-Aug"}});

④ // select all documents from collection

→ db.Employee.find().pretty();

→ db.Department.find().pretty();

~~// db.Employee.find({name: "A"})~~

~~// db.Department.find({"deptNum": 1})~~

⑥ select Employee name whose name begins with A & R

→ db.Employee.find({name: /R/}).pretty();

→ " ({name: /A/}) . "

⑦ Emp age greater than 30

→ db.Employee.find({"age": {\$gt: 30}});

⑤ db.Employee.find({deptNum: {"\$gt": 1000, "\$lt": 1005}});

{employee name: true, deptNum: true}.