**Q.1 to Q.6 were already completed during installation.**

**Q.7 Create a new database named CDAC and connect to it**

myFirstDatabase> use cdac

switched to db cdac

**Q.8 View list of available collections in CDAC database**

**Q.9 Create a new collection by the name of LIBRARY**

Atlas atlas-743egn-shard-0 [primary] cdac> db.createCollection('Library')

{ ok: 1 }

**Q.10 Insert the following document in the LIBRARY collection:-**

Atlas atlas-743egn-shard-0 [primary] cdac> db.Library.insertOne({title:'MongoDB programming', author:'Sameer', likes:100})

{

acknowledged: true,

insertedId: ObjectId("625f876dc3d73cc99a84d692")

}

**Q.11 View the recently inserted document and note the \_id field**

Atlas atlas-743egn-shard-0 [primary] cdac> db.Library.find()

[

{

\_id: ObjectId("625f876dc3d73cc99a84d692"),

title: 'MongoDB programming',

author: 'Sameer',

likes: 100

}

]

**Q.12 Insert another document in the LIBRARY collection as follows:-**

Atlas atlas-743egn-shard-0 [primary] cdac> db.Library.insertOne({title:'MySQL programming', authors:['Jack','Jill'], likes:200})

{

acknowledged: true,

insertedId: ObjectId("625f8845c3d73cc99a84d693")

}

**Q.13 View the inserted documents.**

Atlas atlas-743egn-shard-0 [primary] cdac> db.Library.find()

[

{

\_id: ObjectId("625f876dc3d73cc99a84d692"),

title: 'MongoDB programming',

author: 'Sameer',

likes: 100

},

{

\_id: ObjectId("625f8845c3d73cc99a84d693"),

title: 'MySQL programming',

authors: [ 'Jack', 'Jill' ],

likes: 200

}

]

**Q.14 View only the first inserted document.**

Atlas atlas-743egn-shard-0 [primary] cdac> db.Library.findOne()

{

\_id: ObjectId("625f876dc3d73cc99a84d692"),

title: 'MongoDB programming',

author: 'Sameer',

likes: 100

}

**Q.15 View the documents using the pretty() method.**

Atlas atlas-743egn-shard-0 [primary] cdac> db.Library.find().pretty()

[

{

\_id: ObjectId("625f876dc3d73cc99a84d692"),

title: 'MongoDB programming',

author: 'Sameer',

likes: 100

},

{

\_id: ObjectId("625f8845c3d73cc99a84d693"),

title: 'MySQL programming',

authors: [ 'Jack', 'Jill' ],

likes: 200

}

]

**Q.16 Update the document where author name = Sameer and change it to Sameer Dehadrai.**

Atlas atlas-743egn-shard-0 [primary] cdac> db.Library.updateOne({author:'Sameer'},{$set : {author:'Sameer Dehadrai'}})

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

**Q.17 Delete all documents that have 100 likes.**

Atlas atlas-743egn-shard-0 [primary] cdac> db.Library.deleteMany({likes:100})

{ acknowledged: true, deletedCount: 1 }

**Q.18 Drop the LIBRARY collection.**

Atlas atlas-743egn-shard-0 [primary] cdac> db.Library.drop()

true

**Q.19 Drop the CDAC database.**

Atlas atlas-743egn-shard-0 [primary] cdac> db.dropDatabase()

{ ok: 1, dropped: 'cdac' }

**Q.20 Exit from MongoDB shell.**

Atlas atlas-743egn-shard-0 [primary] cdac> exit

C:\Users\jmagh>