BDA Lab-1 (CSE)

Q1> Create the following collections & insert atleast 4 documents into each Collection

i> Student   ii> faculty   iii> COE   iv> Library

v> Admission   vi> College Festival

=> Creating database:-
> use myDB

· Listing all databases:
> ~~db / create Collection ("student");~~ · show dbs;

i> Creating Collection "Student":
> db. Create Collection ("student");

Inserting data into student
db.student.insert ({_id:1 , Name: "ABC" , Dept : "CSC", Sem:"VII",
USN :"1BM17CS003", Year: "IV" , Batch:"2020-21"});

ii> faculty
> db.create Collection ("faculty");
> db.faculty .insert ({_Id: 1,Name: "xyz",Dept: "CSE",
Faculty id : "001" , Subject :"BDA" , Designation: Professor});

iii> COE
> db.create Collection ("COE");
> db. COE .insert ({_id: 1, StudName : "ABC" , Subject :"BDA", CIE:"40",
SEE :"90" , Grade :"A" , Result : "Pass"});

iv) Library

```
>db.create Collection ("Library");
>db.Library.Insert ({_id:1, Name: "PQR", BookName:"xyz",
                     BookId:"1234", IssueDate:"22/9/2020",
                     ReturnDate:" 7/10/2020" });
```

v) Admission

```
>db.create Collection ("Admission");
>db.Admission.Insert ({_id:1, Admission No! 19, StudName :"xyz",
                      Date of Admission : " 22/9/2020", Dept:"CSE",
                      Fees Paid : 50,500 });
```

vi) College Festival

```
>db.create Collection ("College Festival");
>db.College Festival.Insert ({_id:1, EventName:"ABC", Duration:"2hrs",
                            StartTime:" 10am", Date: "30/9/2020",
                            Budget: 20000 });
```