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Assignment No. 2

Submitted to:

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Question 1.

create table Department(  
 Deptno number(3) primary key,  
 Dname varchar2(20) unique,  
 Location varchar2(20) not null constraint loc check ( Location = 'Delhi' or Location = 'Agra' or Location = 'Pune' )  
);

create table Employee(  
 Empno varchar2(5) primary key constraint emp\_no check ( Empno = 'E%' ),  
 Ename varchar2(20) unique,  
 Designation varchar2(20) not null,  
 Salary number(10) default 25000 constraint sal check ( Salary >= 15000 and Salary <= 50000 ),  
 DOB date not null,  
 Dno number(3) references Department  
);

create table Candidate(  
 candidate\_ID number(6) primary key,  
 Candidate\_Name varchar2(20) not null,  
 Candidate\_Email varchar2(30) unique constraint email check ( Candidate\_Email = '%@%.%' ),  
 Candidate\_Dept varchar2(2) default 'HR',  
 Manager\_ID number(6) references Candidate(candidate\_ID)  
);

P.T.O.

Question 2.

1. alter table College add primary key (cName);
2. alter table Student add primary key (sID);
3. alter table Apply add primary key (sID, cName, major);
4. alter table Apply add constraint s\_ID foreign key (sID) references Student add constraint c\_name foreign key (cName) references College;
5. alter table Apply modify ( major varchar(25) );
6. alter table Apply add ( decision varchar(3) not null );
7. alter table Apply modify ( decision char(1) );
8. alter table Apply drop constraint c\_name;
9. alter table Student drop ( sizeHS );
10. alter table College drop primary key;
11. alter table Apply add constraint unique\_pair unique (cName, major);
12. alter table Apply add constraint c\_name foreign key (cName) references College on delete cascade;
13. alter table Apply add foreign key (sID) references Student on delete set null;
14. alter table College rename column enrollment to enroll;