Mid-Term Exam

# Question:1

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| use test;  create table Person(  CNIC int(13) primary key not null unique,  PFname varchar(15),  PLname varchar(15) not null,  PAddress text,  DOB date not null  );  create table PersonOfficeDetails(  POID int(11) primary key auto\_increment not null unique,  CNIC int(13) not null,  POfficeName varchar(35) not null,  POfficeAddress int not null,  PDesignation varchar(20) not null,  PSalary int not null,  PCabinNumber int not null,  POfficeHours time,  PJoiningDate date,  foreign key (CNIC) references Person(CNIC)  );  alter table Person drop column PAddress;  alter table PersonOfficeDetails modify PDesignation varchar(30) not null;  alter table PersonOfficeDetails modify POfficeAddress text not null;  alter table Person rename Person\_AlterTable;  insert into Person\_AlterTable (CNIC, PFname, PLname, DOB)  values (123456789, 'Ahmed', 'Naeem', '2000/10/15');  insert into PersonOfficeDetails (POID, CNIC, POfficeName, POfficeAddress, PDesignation, PSalary, PCabinNumber)  values(1, 123456789, 'MyOffice', 'Lahore', 'DBA', 25000, 5); |
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# Question:2

## 1.

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| select fname, lname from players  where player\_id in  (select player\_id from player\_participated join tornaments on player\_participated.tornaments\_id = tornaments.tornaments\_id  join tornament\_organizer on tornaments.organizer\_id = tornament\_organizer.organizer\_id where organizer\_name = 'hafiz asif'); |
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## 2.

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| select sponsor\_name, tornaments.tornament\_name from sponsors  inner join tornament\_sponsors on sponsors.sponsor\_id = tornament\_sponsors.sponsor\_id  inner join tornaments on tornaments.tornaments\_id = tornament\_sponsors.tornaments\_id  WHERE sponsors.sponsor\_name like "a%"; |
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## 3.

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| select players.rank\_code from players  join player\_participated on players.player\_id = player\_participated.player\_id  join tornaments on player\_participated.tornaments\_id = tornaments.tornaments\_id  where tornaments.tornament\_name = 'grand master'; |
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## 4.

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| select \* from players  join player\_participated on players.player\_id = player\_participated.player\_id  join tornaments on player\_participated.tornaments\_id = tornaments.tornaments\_id  join tornament\_organizer on tornaments.organizer\_id = tornament\_organizer.organizer\_id  where tornament\_organizer.organizer\_name = 'omer khalid'; |
| No Output |

## 5.

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| SELECT fname, lname, email  FROM players  Where exists (SELECT start\_date FROM matches WHERE  YEAR(matches.start\_date) = 2002  OR YEAR(matches.start\_date) = 2003  OR YEAR(matches.start\_date) = 2004 and (matches.player\_id\_1 = players.player\_id or matches.player\_id\_2 = players.player\_id)  ); |
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