



# University of Central Punjab

(Incorporated by Ordinance No. XXIV of 2002 promulgated by Government of the Punjab)

**FACULTY OF INFORMATION TECHNOLOGY**

## Introduction to Database System

**S21**

### Midterm Lab

**Time Allowed: 2 hours**

Name:	
Registration No	
Serial Number (of attendance sheet)	

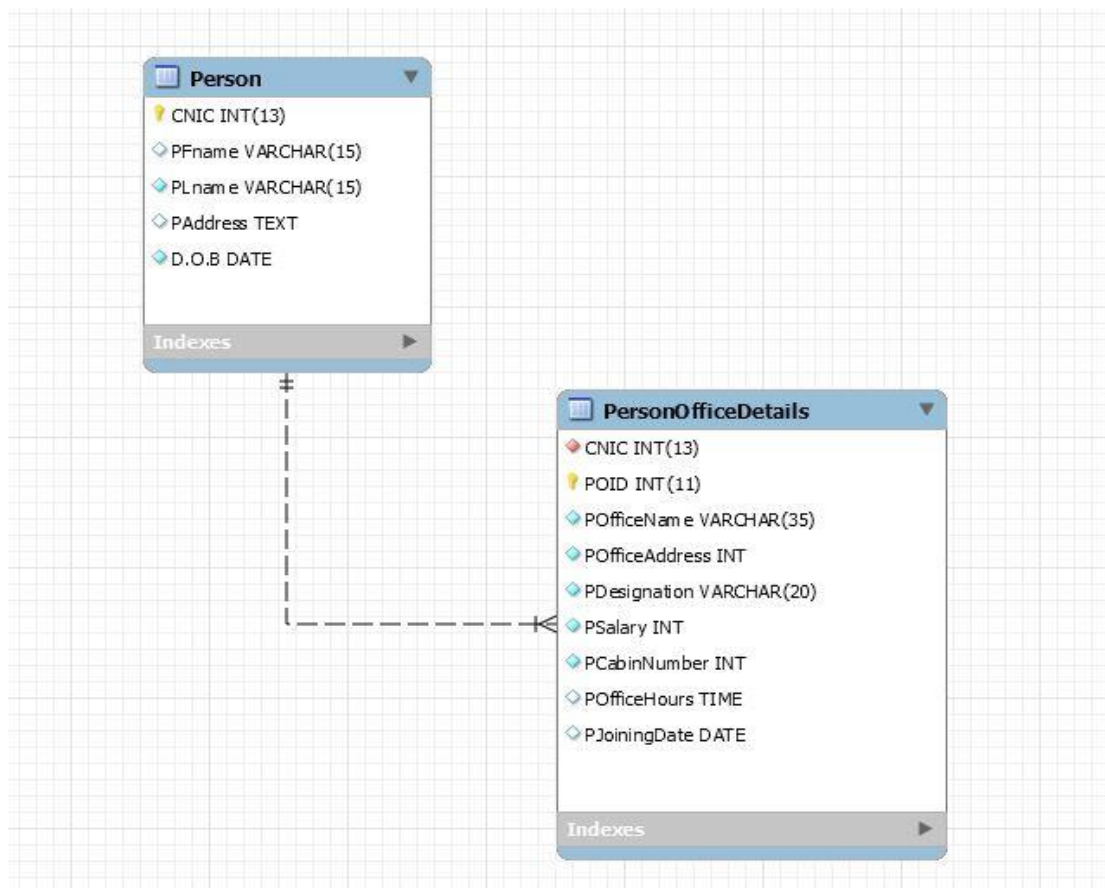
	MCQ	Q1	Q2	Q3	Q4	Q5	Q6	Overall
Total Marks	20	30	10	10	10	10	10	100
Ob. Marks								

### **Instructions:**

- 1) **This is a closed book, closed notes paper.**
- 2) **Understanding questions is part of the paper.** Therefore, no queries will be entertained during examination.
- 3) Chess\_final.sql file is uploaded on teams/portal. Use those files to attempt the DML section of paper.
- 4) Use proper indentation/formatting while writing queries. Not properly indenting will deduct 5% marks.
- 5) **You need to make an MS Word with your name and registration should be mentioned on each page.**
- 6) **You need to write only queries with output in MS Word file, you need to write query (text form) + its output table (picture) if any.**
- 7) **You will solve the DDL + DML section only in word docx.**
- 8) **SOME ONE is always with You, so be Relaxed. SOME ONE is always watching You, so be Honest. Keep Calm & stay Blessed.**

**Paper Code: Mango**

# Part 1 DDL

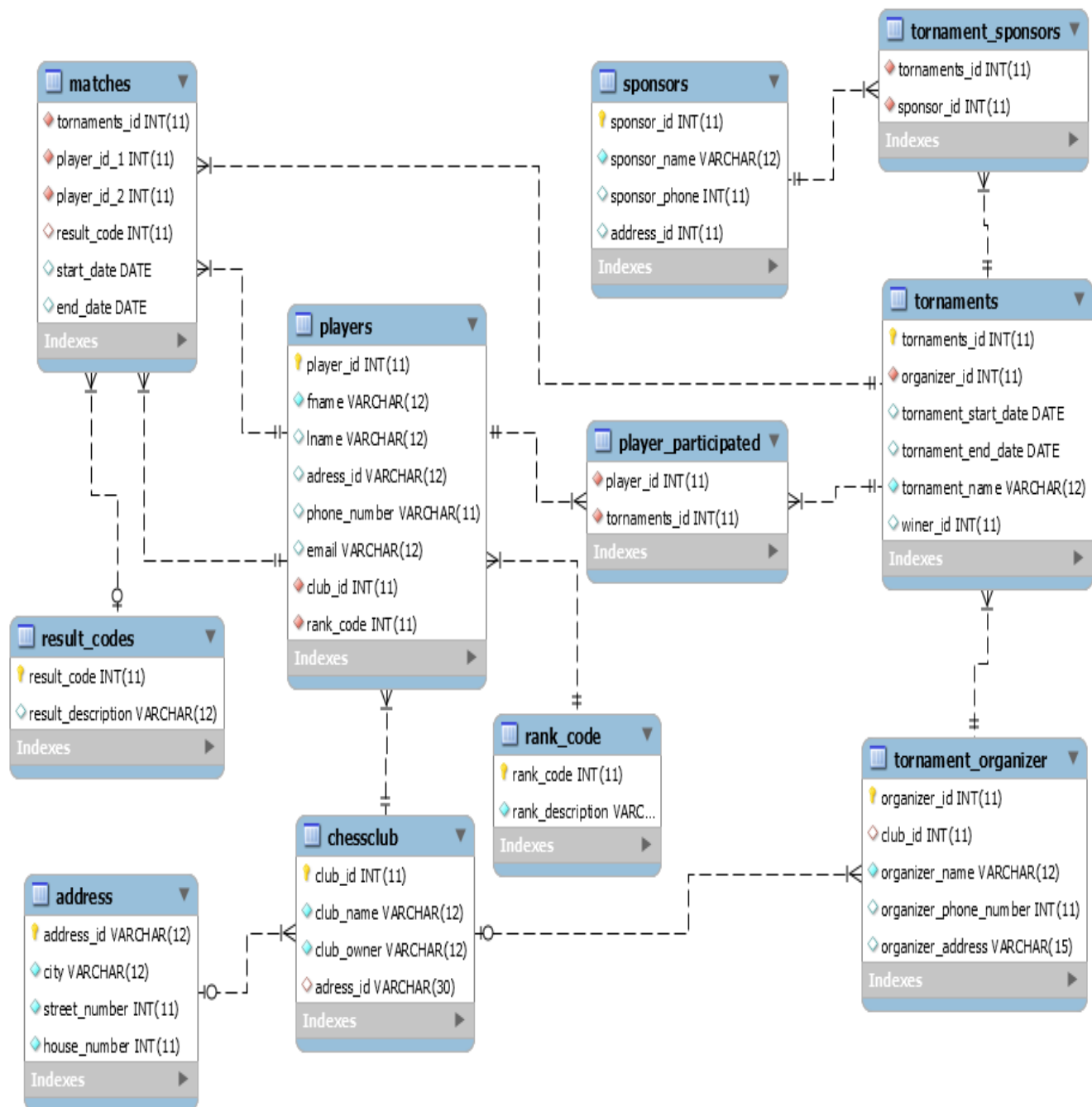


Question # 01

Marks (30)

- Implement the above schema with its attributes and relation.
- **Drop** the column **PAdress** from the above **Person** table.
- **Change** the column **PDesignation** from above **PersonOfficeDetails** table VARCHAR (20) to VARCHAR (30).
- Change the data type/definition of column **POfficeAdress** INT to TEXT from above **PersonOfficeDetails** table.
- Rename **Person** Table to Person\_AlterTable.
- Insert one meaning full data on each table of your choice.

## Part 2 DML



Import chess\_final.sql schema.

Solve the following questions from the above schema:

(10+10+10+10+10)

Q#1 Print the name of players who played any tournament organized by "hafiz asif". **(Nested Queries)**

Q#2 Print the sponsors name and tournament name where sponsor name starts with "a". **(Inner Join)**

Q#3 Print the rank code of the tournament name "grand master".

Q#4 Find and display what type of rank players played in a tournament organized by omer khalid.

Q#5 Print the name of the players and email who have started matches in 2002,2003 and 2004. **(Nested queries)**