

Test Paper- B

Table Schema

Team Table:

- **team_id**: stores the unique ID for each team.
- **team_name**: stores the name of the cricket team.
- **team_coach**: stores the name of the team's coach.
- **team_wins**: stores the total number of matches the team has won.
- **team_total_matches**: stores the total number of matches the team has played.
- **home_stadium_id**: stores the ID of the team's home stadium (references **stadium_id** in the Stadium table).

Player Table:

- **player_id**: stores the unique ID for each player.
- **player_first_name**: stores the player's first name.
- **player_last_name**: stores the player's last name.
- **team_id**: stores the ID of the team the player belongs to (references the **team_id** in the Team table).
- **player_role**: stores the player's role, such as Batsman, Bowler, or All-rounder.
- **player_jersey_number**: stores the player's jersey number.
- **player_matches_played**: stores the total number of matches the player has played.

Stadium Table:

- **stadium_id**: stores the unique ID for each stadium.
- **stadium_name**: stores the name of the stadium.
- **stadium_city**: stores the city where the stadium is located.
- **stadium_capacity**: stores the seating capacity of the stadium.

Consider above table schema and write following queries:

1.	Retrieve Unique Roles of Players.
2.	Calculate the winning percentage of each team.
3.	Insert a new record to Stadium Table. (2, Wankhede Stadium, Mumbai,33000)
4.	Update Team Coach Name of Team RCB to Ashish Nehra.
5.	Delete All the Records of Player Shikhar Dhawan.
6.	Change the size of <u>stadium_name</u> column from VARCHAR (100) to VARCHAR (15).
7.	Remove Player Table.
8.	Display Top 30 Players Whose First Name Starts with Vowel.
9.	Display City Whose Stadium Name does not Ends with 'M'.
10.	Generate Random Number between 0 to 100.
11.	Display 4 th to 9 th Character of 'Virat Kohli'.
12.	Display The Day of week on 01-01-2005.
13.	Display City Wise Maximum Stadium Capacity.
14.	Display City Whose Average Stadium Capacity is Above 20000.
15.	Display All Players Full Name, Jersey No and Role Who is Playing for Mumbai Indians. (Using Sub query).
16.	Display Team Name Having Home Stadium Capacity Over 50000. (Using Sub query).

17.	Create a View Players_Above_100_Matches of Players Who have Played More than 100 Matches.
18.	Get the Player name, Team name, and their Jersey number who have played Between than 50 to 100 matches.
19.	Produce Output Like: <PlayerFirstName> Plays For <TeamName> and Has Played <PlayerMatches> matches. (In single column)
20.	Display Stadium Capacity of Team CSK.