Q1.)

1. Π(Name,ID,Email)(σPlayPos=”Middle”(Player).
2. ΠStats.year,Stats.TotalPoints(σStats.PlayerID=Player.ID Λ Player.Name=”Lobo Louie”(Stats ×Player))
3. ΠName(Player(Player.ID=Play.PlayerID) ⋈ Play(Play.Game=Game.GameID) ⋈ (σ(Game.Result=”lose” and Game.PlayingVenue=”PanAm”))).
4. Gavg(TotalPoints)(Stats).
5. yearGmax(TotalPoints)(Stats).

Q2.)

1.)SELECT title from borrowed,books,members WHERE borrowed.isbn = books.isbn

and borrowed.memb\_no = members.memb\_no

AND members.name = "Sam";

(OR)

SELECT title from borrowed JOIN books on borrowed.isbn = books.isbn

JOIN members ON borrowed.memb\_no = members.memb\_no

WHERE members.name = "Sam";

2.)SELECT \* from members WHERE members.name NOT LIKE "a%";

3.)SELECT members.memb\_no,COUNT(members.memb\_no) from borrowed,books,members

WHERE borrowed.isbn = books.isbn

and borrowed.memb\_no = members.memb\_no

AND members.name = "Sam";

(OR)

SELECT members.memb\_no,COUNT(members.memb\_no) from borrowed

JOIN books on borrowed.isbn = books.isbn

JOIN members ON borrowed.memb\_no = members.memb\_no

WHERE members.name = "Sam";

4.)SELECT \* from members WHERE members.name LIKE "%m%";

5.)SELECT publisher from borrowed,books,members WHERE borrowed.isbn = books.isbn

and borrowed.memb\_no = members.memb\_no

AND members.name = "Kim";

(OR)

SELECT publisher from borrowed JOIN books on borrowed.isbn = books.isbn

JOIN members ON borrowed.memb\_no = members.memb\_no

WHERE members.name = "Kim";