1. Make necessary changes to the EER diagram given to include the following:

(a) Scores of individual players in particular games.
(b) Stadium the games are played at.
(c) Dates for the games
(d) A derived attribute for the average score for a player over all the games played by the player.
(e) Multivalued attribute for phone numbers for an employee.

**ANSWER:**
For each entity type a **key attribute** should be added and it is not included in the answer.

Modified EER - Diagram is on the next page. I have modelled 'game' as an entity instead of a relation because it is an important information for this database. This relation is associated with entities: teams, players and stadiums. The entity has a date attribute and result attribute. Attribute date is a composite attribute consisting of three sub-attributes Day, Month and Year.
Figure 1: Modified ER Model