KIND POSITIVE YOURSELF

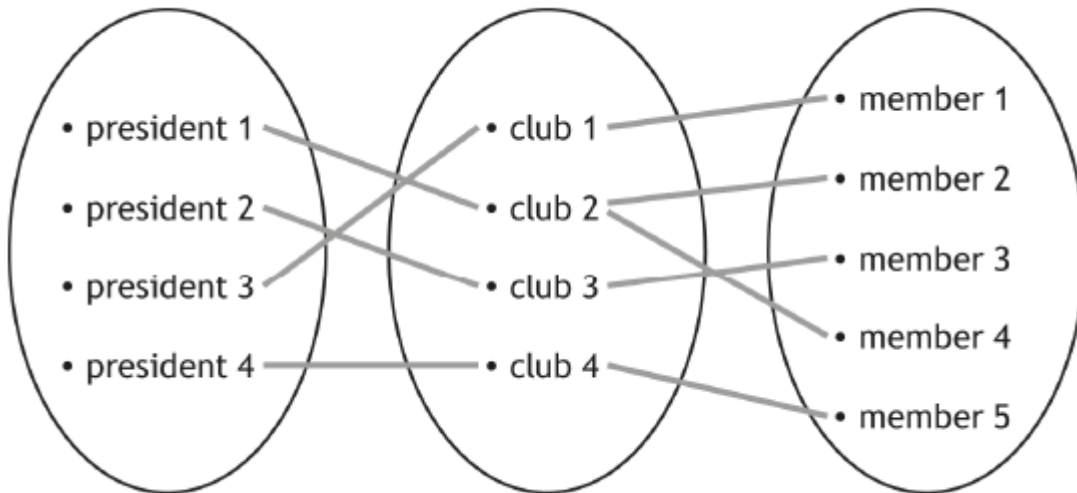# Revision Questions 1 – Database Design & Development – Marking Scheme

Answers

1. (2)

   database should store every race/team/driver from 1950 to most recent
   database should be searchable for number of team wins
   database should be searchable for number of driver wins
   database should be searchable for a team's results over the years
   database should be searchable for a driver's results over the years
   database should be sortable to find most and least successful team in order

2. (2)

3. (a)   tournamentID in Entry   (2)
          playerID in Entry

   (b)   cardinality — one club to many player   (2)
          relationship — player is "member of" a club or similar

   (c)   cardinality of Team — Driver (should be one-to-many)   (1)

4. no unique identifier in the Race entity (3)
   car number can't be a unique field, as it is allocated each year
   noOFWins is not required, as this can be calculated from position

5. Many-to-Many
   One-to-One

6. (a) A database table may have a compound key. State what is meant by the term compound key. 1

   A compound key is a primary key with more than one attribute to create a unique identifier.

   (b) Identify a suitable compound key for the Sale table. 1

   Order No and Item ID

   (c)