Welcome, my most appreciated visitors, to the Best Exotic Majpoor Home for the Elderly and Beautiful. We have many guests from around all the countries of the world, who enjoy the sensational and lovely care for their worldly needs of or experienced and beautiful nurses, and the prime medial attention their various conditions deserve by our superbly educated doctors. Each of our valued guests, like Elise, inhabits a spacious, classically decorated suite of incomparable individualism. Suites are organized in ensembles of three to five, which share a central medical checkpoint from which our personnel can attend to all needs with elegant haste. During daytime, we offer manifold opportunities to explore the priceless wonders of the surrounding lands through our guided tours for which pre-registration is, unfortunately, mandatory (however, in the case of early demise, cancellation is not required). Tomorrow, there will be an excursion to Blueberry Hills for instance.

(if you wonder ... check out this movie http://www.thebestexoticmarigoldhotel.co.uk)

1) Is the following an entity or an entity type? (2pts)
   a) Best Exotic Majpoor Home for the Elderly and Beautiful:
      ENTITY
   b) Care Home Resident:
      ENTITY_TYPE
   c) Suite:
      ENTITY_TYPE
   d) Excursion to Blueberry Hill on August 13, 2013:
      ENTITY

2) Is the following an attribute or a relationship? (the underlined word...) (2pts)
   a) Elise inhabits Suite No 5
      RELATIONSHIP
   b) Elise is from Australia
      RELATIONSHIP
   c) Elise’s age is 92.
      ATTRIBUTE
   d) Elise was born on Dec 27.
      ATTRIBUTE
3) Draw ER diagrams that model the following statements.

a) *Every Care Home Resident inhabits exactly one suite, and each suite accommodates 3-5 residents.* (Add cardinality and existence – 2pts)

b) *Elise inhabits Suite No 5.* (1pt)

c) *Residents as well as Carers are Persons* (1pt)
4) Given the following data, what is a reasonable ER model? (5pts). Hint: Figure out which entity type is being described, and model this entity type.

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