Chapter 19

q1) C,
A and B could be accomplished with a hard drive and GIMP.

q2) C,
SQL 3 (From http://www.orafaq.com/wiki/SQL3), as object DBMS started in the mid 1990s.

q3) B,
As a second benefit, encapsulation provides a form of data independence. Because internal details of objects are hidden, changes to the internal details can be made without changing the code that uses the objects.

q4) B,
Abstraction is inherent in databases (physical layer vs. logical layer). Inheritance options are used in databases such as PostgreSQL. Examples of methods have been shown previously in class.

q5) C