WEEK 13. OBJECT DBMS – Chapter 19

Self-Check Questions

1. Which of the following requires object database technology?
   a. Storing employee picture on disk
   b. Retrieving an employee picture
   c. Retrieving and processing an employee picture together with simpler data about employee
   d. Displaying an employee picture on a screen.

2. Which of the following supports object oriented concepts?
   a. SQL 1
   b. SQL 2
   c. SQL 3
   d. All of the above

3. Object in pure object oriented languages hide the implementation details, e.g. attributes and internal procedures, from external world. This properties is called:
   a. Abstraction
   b. Encapsulation
   c. Inheritance
   d. Polymorphism

4. Which of the object concepts are usually not implemented in today’s object relational DBMS because of the serious performance concerns?
   a. Data abstraction
   b. Encapsulation
   c. Inheritance
   d. Methods (i.e. procedures)

5. Which of the following do not apply to today’s object relational DBMS?
   a. Calls to functions that process media data are part of the database language
   b. Specialized storage structures are provided
   c. Reliability is of no concern
   d. Combined access to complex data and relational data is optimized

Discussion Questions

6. Which object DBMS architecture do you think will dominate in five years?