

1997 Paper 7 Question 8

Database Topics

Describe the basic architecture of the ODMG-93 standard for Object Database Management. [5 marks]

In what way do these proposals allow database management to be integrated with Object-Oriented Distributed Programming? [3 marks]

Explain the properties of collection types, taking care to distinguish between literals and objects. [6 marks]

Describe how an SQL-compatible query language may be defined within the ODMG standard. What provision can be made for insertion, update and deletion? [6 marks]