

2000 Paper 6 Question 8

Databases

Describe the basic architecture of the ODMG standard for Object Data Management. [10 marks]

What support is provided for transactions? What locking modes are available, and how are they used by the database runtime systems? [4 marks]

The query language OQL is recognised as a standard by the Object Management Group (OMG). To what extent is it similar to SQL, and in what ways does it differ? [6 marks]