What is **object-oriented database** :- is a database system that can work with complex data objects — that is, objects that mirror those used in object-oriented programming languages.

**Advantages of object-oriented databases**

1. The model is more stable than functionality.
2. Program reflect reality.
3. Object database management systems (OODMS) provides persistent storage to objects.
4. Subclassing and virtual improve the reusability of code.

**Disadvantages of OODB**

1. Object databases are not as popular as RDBMS. It is difficult to find object DB developers.
2. Not many programming language support object databases.
3. RDBMS have SQL as a standard query language. Object databases do not have a standard.
4. Object databases are difficult to learn for non-programmers.

**Applications of OODB**

1. Real-time systems
2. Architectural & engineering for 3D modeling
3. Telecommunications
4. Scientific products
5. Molecular science
6. Astronomy

**Examples of Object Databases**

1. Cache
2. ConceptBase
3. Db4o
4. ObjectDB Object Database
5. ObjectDatabase++
6. Objectivity/DB
7. ObjectStore
8. Versant Object Database
9. WakandaDB