1-None

You must assign the value manually (not automatically generated) and it works with any database.

2-Auto

Hibernate picks the best strategy based on the data base in use, automatically generated and it works with any database.

3-Identity

Value is incremented automatically using column, works with MySql and Sql Server.

4-Sequence

Value is set based on DB sequence object and it works with Oracle and PostgresSql databases.

5-Table

Hibernate uses a table for values to simulate sequence and its slower than sequence but it works with any database(Portable).