

1. Which of the following kinds of values is the one that a DBMS initially displays in a field? **Default**
2. Which of the following kind of checks is a validity check performed on data, like that in the accompanying figure, which ensures users enter only alphabetic data into a field? **Alphabetic**
3. Which of the following is a window on the screen that provides areas for entering or changing data in a database? **Form**
4. Many database programs perform which of the following in order to analyze entered data to help ensure that it is correct? **Validity check**
5. In what kind of recovery does the DBMS use the log to undo any changes made to a database during a certain period? **Backward**
6. Which kind of database stores data in dimensions? **Multidimensional**
7. The developer of a relational database refers to a record as which of the following? **Tuple**
8. Which of the following is an advantage of a multidimensional database? **It can consolidate data much faster than a relational database.**
9. Object-oriented and object-relational databases often use a query language to manipulate and retrieve data. What is the name of this query language? **OQL**
10. In a database such as that pictured in the accompanying figure, users can set up a relationship between tables at any time, but the tables must have which of the following in common? **A column**
11. As shown in the accompanying figure, which of the following is a query language that allows users to manage, update, and retrieve data? **SQL**
12. A user of a database such as that pictured in the accompanying figure refers to a field as what? **Column**
13. Which of the following privileges for data involve establishing who can enter new data, change existing data, delete unwanted data, and view data? **Access**
14. Which of the following identifies the quality of data in a database? **Data integrity**
15. Which of the following is a process designed to ensure the data within the relations (tables) contains the least amount of duplication? **Normalization**
16. Which of the following is a database that stores data in tables that consist of rows and columns? **Relational**
17. Which of the following is a program with which users interact that generally has a more user-friendly interface than a DBMS? **Front end**
18. The developer of a relational database refers to a file as which of the following? **Relation**
19. Which of the following is an item that contains data, as well as the actions that read or process the data? **Object**
20. In managing a company's database, which of the following roles requires a technical inside view of data? **Administrator**
21. Which of the following refers to the procedures that keep data current? **File maintenance**

22. Which of the following is a number(s) or character(s) that is appended to or inserted into a primary key field?
Check digit
23. Which of the following is a huge database that stores and manages the data required to analyze historical and current transactions?
Data warehouse
24. Compared with relational databases, which of the following is NOT true of object-oriented databases?
They store unstructured information less efficiently.
25. A user of a database such as that pictured in the accompanying figure refers to a file as what?
Table
26. Which of the following is true in a relational database?
Each row has a primary key and each column has a unique name.
27. What is the process of comparing data with a set of rules or values to find out if the data is correct?
Validation
28. Which of the following kind of checks is a validity check performed on data, like that in the accompanying figure, which ensures users enter only numeric data into a field?
Numeric
29. A form that sends entered data across a network or the Internet is called which of the following terms?
E-form
30. Most DBMSs include a feature, as shown in the middle image within the accompanying figure, which has a graphical user interface to assist users with retrieving data. What is this feature called?
QBE
31. Which of the following kinds of backup are used by organizations such as hospitals, communications companies, and financial institutions?
Continuous
32. Most of this kind of database products for servers and mainframes include SQL, an example of which is shown in the accompanying figure. What kind of database product is this?
Relational
33. In what kind of recovery does the DBMS use the log to reenter changes made to a database since the last save or backup?
Forward
34. An application that supports a front-end program sometimes is called which of the following?
Back end
35. A checkout clerk with this level of privileges to the email addresses in a discount warehouse database could view the addresses but not change them. What is this level of privileges called?
Read-only
36. A user of a database such as that pictured in the accompanying figure refers to a record as what?
Row
37. Which of the following is a collection of related records, as shown in the accompanying figure, stored on storage media such as a hard drive or optical disc?
File
38. Which of the following languages consists of simple, English-like statements that allow users to specify the data to display, print, or store?
Query
39. Which of the following is a request for specific data from a database?
Query
40. Which of the following is a collection of data organized in a manner that allows access, retrieval, and use of that data?
Database
41. Which of the following kinds of programs interacts with a DBMS, which in turn interacts with the database?
Front end
42. In a relational database, where does the only data redundancy exist?
In the fields
43. A DBMS uses which of the following to perform validation checks?
Data dictionary

44. Which of the following consists of rules and standards that define how a database organizes data? **Data model**
45. Which of the following kind of checks is a validity check on data like that in the accompanying figure, which determines whether a number is within a specified group of numbers? **Range**