**Data transfer**

**Questions**



**Test yourself**

The following notes summarize this topic. The notes are incomplete because they miss some words. Using the words in the list below, copy out and complete the sentences A-N. Each word can be used more than once.

**Analogue to digital record digital to analogue foreign real  
key field Boolean links redundancy fields relational  
analogue alphanumeric digital table**

1. **Numeric data can be in two forms integer or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
2. **Letters and numbers together are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ data.**
3. **Logical or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ data can have only of two values: true or false.**
4. **A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a piece of data in a database system that is unique to a particular record.**
5. **All the data relating to a single thing or person is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
6. **A record consists of many \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
7. **A database where the data is held in two or more with links established between them is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ database.**
8. **Flat-file databases only contain one \_\_\_\_\_\_\_\_\_\_\_\_\_\_ of data.**
9. **Relational databases have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ called relationships between the tables.**
10. **In order to create a relationship a primary key in one table is linked to the same field called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ key in the other table.**
11. **Flat file may suffer from data \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ where a lot of the data in the in the table is repeated.**
12. **An analogue signal from a temperature sensor will need to be converted into a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ signal before it can be processed by a computer.**
13. **Changing from an analogue to a digital signal is performed using an \_\_\_\_\_\_\_\_\_\_\_ converter.**
14. **In order to control a device such as a motor, a digital signal from the computer will need to be changed into an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ one and this is done using a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ converter.**

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