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The database is stored at the practice's head office. Staff at the individual surgeries access it using a client-server database system, which enables the management of concurrent access to the database.

Describe an example of a problem that could occur if no system were in place to manage concurrent access to the database.

[3 marks]

0 1 . 2 Two methods that can be used to manage concurrent access are:

- record locks
- timestamp ordering.

Select **one** of these methods and describe how it manages concurrent access.

[2 marks]

Method selected: _____

How it works: _____
