



1.3.3 Client-Server & Peer-to-Peer

1. A hotel uses a computer system to keep track of room bookings. The hotel staff are able to query a database to discover which rooms are booked or which rooms are free. The hotel's computer network uses a client-server model.

a) Describe what is meant by the term 'client-server' in this context.

[3 marks]

b) Give **two** advantages of client-server compared to peer-to-peer.

[2 marks]

2. Several digital photo frames can be placed around a house and connected in a peer to peer network.

a) Describe what is meant by the term 'peer to peer network'.

[2 marks]

3. Zac has an accountancy business. He is moving into an office that has enough space for up to five members of staff. Zac would like to install a Local Area Network (LAN) to allow his staff to work together

Discuss how Zac could set up a peer-to-peer network and a client-server network.

You should refer to the following in your answer:

- how the computers in each type are connected
- the benefits of each type
- the drawbacks of each type
- the suitability of each type.

[9 marks]

