



Section ~~II~~ I

Question 21

(a) The role of a file server on a network is to keep a record of all the files existing within the network.

In Mr Ferrando's case, a file server would keep back-up files from all the other computers in his business.

(b) Data Redundancy is present, and occurs, as there are two computers containing the same information in reception, and also in the manager's office.

It may cause problems as it is unnecessary to be keeping information that is already filed, this may lead to space shortages for storing data, in time.



(c)

Primary key

Computer no. RAM Computer Hard Disk Foreign keys

computer no.	computer RAM	computer Hard Disk	Location	Phone Extension	Room Number
001	64	6	Reception	3227	9023
002	64	10	Reception	3227	9023

Primary key

foreign key

Computer no.	Computer RAM	Computer Hard Disk	Location	Phone Extension	Room Number
003	128	8	Managers office	1859	9115
004	96	9	Managers office	1859	9115