

Question 22

(a) Advantage - The information is easier to back-up, therefore it is safer.

Disadvantage - It would take longer to scan in images such as x-rays and medical pictures.

(b) Storage And Retrieval -

- * Large amounts of information may need to be stored particularly if images are used.

There would need to be servers capable of this, as well as servers capable of ~~being~~ backing-up this information.

- * The transmission media would need to be fast, to allow quick retrieval of information.

Display of Images -

- * Monitors would need to be high quality so that correct diagnosis can be made.

Preferably they would be large, so the entire image can be seen at once.

- * Scanners need to be good, so that

no image information is lost.

(c) * Some information is private, so only the doctor would be allowed access.

* Different information is relevant to the doctor and secretary. For all purposes, their jobs are very different.

* Saves time. Information isn't needed to be accessed unnecessarily. Takes a load off the server.