



Q.25)

a) i) The advantage of having the 'grandfather, father son' backup procedure, ensure that the data is backed up and the chance of losing data is minimal. Ensuring the three backups is done. The 'son' stage is done on a daily basis, the 'father' stage is done on a either weekly or fortnightly basis, and the 'grandfather' stage is done on a monthly basis.

ii) The alternative procedures should be tested periodically to ensure that the procedure is still valid and working correctly. If the alternative procedure is invalid, it becomes redundant.

b) i) The website can be used to be more efficient in a number of ways. If the website is upgraded over time there is a change in the seasons of stock, there will no longer be people having to order the wrong pies and wasting time to call them up and make



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them aware of the change.

The website can be linked to a database for the company. Any orders can then be sent directly to the database, therefore employees not having to enter the additional orders.

If the purchasing/ordering of the goods was done over the internet, then the credit card details would be entered when purchasing the goods and an immediate transaction can be processed automatically.

Of course, all this needs to be done on computers over the internet. If there was online ordering, it would cut out the problems entirely.

This sort of operation would need to run on a real time processing system.

ii) Problems may be that some people are reluctant to give credit card details over the internet. So therefore, the website would have to be secure so clients are more trust worthy to the company.

Another problem would be the cost of setting



up such a thing. The company would most likely have to employ a website consultant and most likely a computer technician. Other things would be ones such as the cost to the company for ~~the~~ buying the appropriate hardware and software.

c) The main issue is security. The banks have to ensure only the details needed to be sent are sent. The two banks also have to ensure that the system can be hacked into and money vanish. If the security is breached, then both banks could be in trouble of money going missing and privacy being broken.

If the data is not accurate when it is sent, it would occur in difficulties at both ends in regard to the banks. If the data sent is inaccurate then both banks may be unwilling to compensate the customer's lost money unless it is known who is at fault.



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If the integrity of the data is any way breached, it may result in loss of faith from the customers.