



## Ques 24

a) i) Parity checking - a process by which a data packet is kept odd or even by adding an extra 1 or 0 to it while it is being sent. When it arrives at its destination, the extra bit or parity will indicate to the recipient whether it is odd or even and therefore whether it is correct or incorrect.

ii) Cyclic Redundancy Checking - A ~~process~~ division process by which a data packet is divided by a fixed divisor. The remainder is sent with the packet and if it matches with the recipient's remainder the data is assumed correct.

b) i) One new trend is the increased storage capacity of computers.

This could be applied to Maddisons as they could store all their credit card details on one computer so it can be better analysed.

ii) Another trend is the use of the world wide web for business activities. — ?

c) i) Danger of mis interpretation - without the assistance of facial expressions or hand gestures it is often very easy for a email message to be mis-interpreted.

ii) The Social Context of the email message could be confused as it is possible some information was missing or purposely not included.

ii) The relationships between people are relevant to this situation as as any misinterpretation could result in a changing relationship between any of the people involved.

iv) The messages such as these could effect the chain of command



as participant do not discuss  
issues with the appropriate  
people.

v) The fact that not all the  
employees are given access to  
this email facility raises the  
issue of unfair advantages  
and equity