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 Question Number: **22**

a) A thin client is a server that is control by a central computer, it has everything that is on the central computer. A fat client is a sever with its own applications stored on it.

b) i)

field Name	Datatype	Appropriate size for the data
Students Name	text	
Student ID	number	
Fees Paid	Yes/No	
Date of Payment	DD/MM/YYYY	

ii) The messages sent by the home computer is organised into packets of data, transmitted and reassembled at the school server by Cyclic Redundancy Check.

iii) The suitable error detection technique used to ensure that messages are sent and recieved on time is Cyclic Redundancy Check. When data is divided into small data packets and sent then reassembled.