Question 23

(a)

(i) One of the problem with this BNF technique is it may confuse the doctors and it might be too complicated for them to use because they only have basic computer skills they might not be able to use this algorithm.

(ii) <hexadecimal> ::= 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | A | B | C | D | E | F

(b) This system will need to be easily updated, as there are bound to be constant modifications to the capabilities of the communication network, becoming faster and therefore becoming more efficient. The computers and other hardware and software devices will need to keep up. This will have effects on the community as they will need to accept this new technology. And also have to adapt their lifestyles around the changes of the new system.

c)(i) The secutary's can explain what needs to be archeived for the point of contact and payments from medical funds while the doctors could explain the requirments ~~needs~~ of medical records & access restrictions ~~database~~

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(ii) Using a RAD approach wouldnt be a wise choice. A structured approach would be a wiser choice considering records would not ~~wont~~ want to be lost if the system crashes.