Question 23

BOARD OF STUDIES
NEW SOUTH WALES

Centre Number: ..... Student Number: .....

23 a i)

<number> ::= <decimal> | #<hexadecimal>

~~the syntax definition is all~~ the numbers are all in decimal including the digits used. the digits used are in hexadecimal not decimal e.g. <digit> ::= 0/1/2/ ... 7/8/9. which are hexadecimal digits none of them are decimal integers. number.

ii) <hexadecimal> ::= <digit> | <integer>

b) The emerging of network communications technology will improve communication and instant updating of software data for the distant for country town practices. The practices will have a greater paitient recording database along with increased communication for each doctor to one another from different locations.

(c) i) The analyst could get each user and analyse their basic computer skills and then start from there. It would probably be best if the analyst went through it step by step to ensure every section is covered and also a detailed explanation of each section would be useful. The analyst could then get the user to play around, entering

details in each section to ensure the user has a complete understanding of how to operate the system. The analyst may also suggest that the system be running before the opening date to get the users familiar with how it works etc and so they are quick and skilled by the time it is introduced.

ii) structured, rapid access, prototyping, end-user.