



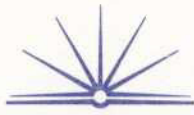
23a. There are many definitions ^{may} not required eg.
<identifier>.

In ~~<integer>~~ <integer>, it is repeated.
It may not work and if it is a repeat, the
line should look like =

$\langle \text{integer} \rangle ::= \langle \text{digit} \rangle \{ \langle \text{digit} \rangle \}$

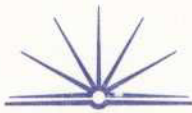
ii $\langle \text{hexadecimal} \rangle ::= \langle \text{hexaletter} \rangle \{ \langle \text{digit} \rangle \mid$
 $\langle \text{digit} \rangle \langle \text{hexaletter} \rangle \} \{ \langle \text{digit} \rangle \langle \text{hexaletter} \rangle \}$
 $\langle \text{hexaletter} \rangle ::= A \mid B \mid C \mid D \mid E \mid F$

B) The possible effects of emerging network communications technology on the everyday usage of this system is privacy. People can because it's networked the doctor won't get as much privacy. The doctors will communicate better from the different medical practices. Better storage for patients records. Easier on the receptionist. Easier from the doctor to get medicine for patients because they can use an expert system to diagnose their patients.



c) i) The analyst could acquire information from all the users to identify each problem quicker to achieve the solution before the 3 month time period. The central store could get online information running in its systems with updated information ready which all have direct links to one another. The receptionist could have access to this info for contacts. The billing needs a network to the medical stores for information. They all need a central network to one another.

ii) A prototype will be needed to test whether it will achieve its outcomes and whether people like it. All computers which are linked to one another will need to be ~~repeated~~ updated with this new piece of software and computers will all need to be the same so connections speeds are the same. Also need all computers left on. This is a big budget operation, team members will be needed at each area to define,



plan, build, check and modify each systems case.