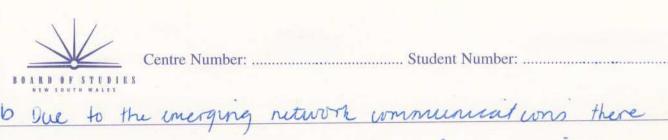


Questron 23

a)i)BNF is similar to EBNF only has less functions: One of the functions lacking in BNF that we see in this diagram is its inability to casily show repatition. This makes things like defining linteger more difficult as integer can be comprised of any number of digits.

ii Khexadecimal >::= <digit> | <digit> < lefter> <digit>::= \$\frac{1}{2} \cdot \cdot

01WB4



be one to the emerging network communications there will se increased and more efficient intraction accounted between the dortors. Files can be shared and distributed easily within the network. Although the issue of provacy maybe breeched due to case of access along a network. Virisis would spread easily if one computer secame infected.

The use of this system has positive and negative effects. It is upto how it will be used, that benefits will seem nown aboveris.

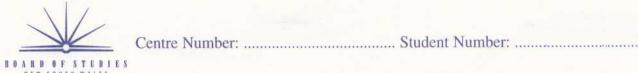
(C) (i) They could use the patients to see what they project when they visit the doctor. This provides for understanding what patient want and trying is implement it if possible.

Also key could made the doctor and recophorists in the way the User interface is designed and the inputs needed and entputs needed and the way in which it is done without the gystem to try and incorporated what is regularly done into

the system.



(ii) reaftenent eftware development approaches warrable for mes would include: the structured approach, prototyping and Rapid Application Development. The strictered approach is formal and may may trad to a more afficient system at all components are correptly weated, inprenented and rested. But with the time frame of 8 month, It may not be possible to implement the system within that the as it usually takes ator large along process no complete the Anchured approach. A proto typing approach could be when to get feedback on a model and make it into a working system. This has me advantage of dentitying exactly wheat the user wants whilst it bould lead to problems in the system as steps taken are not dear and constant modifications need to be unplemented to eventually morse it who



NEW SOUTH WALES
a working models. The tapid application
development is quite suitaine for a
time frame of smonths as programmer
could use other programs as a semplates
or guide or events implement parts into
their program. However quality and
reliability of yosten may be sacraficed
as the integration of all different
compounts may read to contracts withen
the system.