

Question 22

a) Segment 1 The transmission Micro waves because mable phones work if she was her mobile phone would work on hadio waves. This is because of the different land Segment 2 This segment would also work on radio waves because each Tower would have a direct line Of sight which would allow microvaves to be used because micromanes are a very small wave length und regaine un line of sight This segment would work lines because it is a month country telephone exchange go of calls would not be a great of the shortage of people



Segment 4
This segment would use fibre optics because the
head office building would have large amounts
of traffic directed to it so fibre obtics allow
for a fast transfer also exloss of data is reduce
for a fast transfer also exloss of data is reduced
b) The advantages of using mobile bednotage
are that communication can be made more
casy due to the convinence of the being
able to communicate from any location without
the use of a fixed phone. The speed of francher
15 increased due to the se of micronaucs.
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c) A SQL is a small program that allows
the user to find certain types of chata. A dota
thickinary is a paper based or computer base
data base which includes the Name of the File the
Gheste The type ey mumeric, Tant etc and
it also includes an example or the use of the
specified thing. This data dictionary will allow
her to write her SQL more guidly and with
reduced errors. It will do this because all the
information to write the language is in the data
dictionary. The desort will be more There will
be four errors because The information to
write the SQL will be in the data dichonary