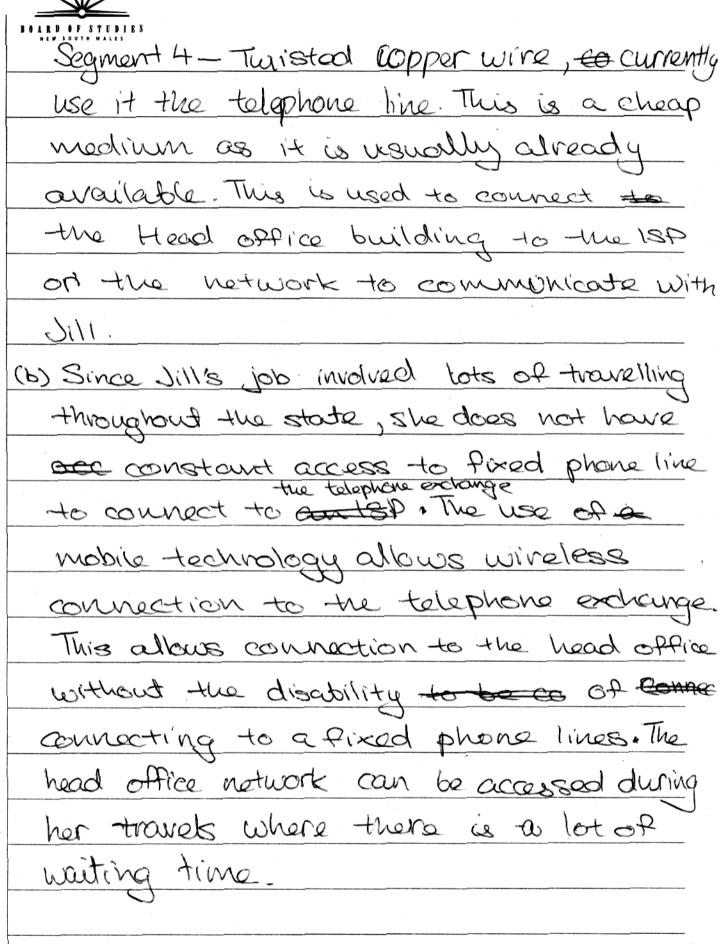


Question 22

(a) Segment 1 - electroman-magnetic waves is used by mobile phone, this uses similar technology such as vadio waves. Mobile phones is appropriate as this allows is a too wireless Connection that can be accessed and anywhere within the range, this prevent Jill from finding for telephone line. Segment 2 - Fibre-optics cable can be placed across the mountains. It allows long distance transmission at high speed, placing it underground can prevent the problem of The to centre curlevel terrain but be expensive to place. Segment 3 - Fibre-optics cable can be placed this is because of its vast distance. Fit It allows long distance transmission at high speed, placin the terrain may not transmission as it can be placed underground but may be





(c) Data dictionary + stated the characteristics of the data. By using Mata dictionary, Jill can understand more about the data, so - that she can decide which one she weeded needs. SQL queries required requires the user to understand the data in order to plan out the negyined data. Data dictionary also contains the range of data that is allowed, the and the type of data, this allow dill to perform queries efficient efficiently by knowing the range she needs (such as above or under) and the types of data required (such as numeric) as she needed to write the conditions the results. Data dictionary also talls her the data, so allows her know which duta is to be for her needs.