## Marks

## Question 18 (4 marks)

Investigators gathered data on a group of 100 smokers for a period of 10 years. During this time 12 people in the group developed lung cancer, two died in traffic accidents, and three died of heart attacks. The investigators used this data to state that smoking caused lung cancer.

Describe how this investigation could be improved.

A controll could be include, such as 100 non-smooth s to compare the nearlto of the 100 smokers. This would highlight the relationship between smocking and lung conce.

The environment and lifestyle would also have to be accounted for and probles subgroups living with other who smoother the subgroups living with a city of siggered consumed per day would also have to be sandwheel accounted for as it may increase the rish, if so, how many were cigarets would increase the rish, if so, how many were cigarets would increase the rish, if so, how many were