## 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.

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Describe how this investigation could be improved.

Study a nuch sample size and include people from mixed sex, religion race etc. Taking the invertigation over a 10 year period was good but a number or sample grape over mans year would improve the investigation. Other factors such as diet lifestale etc would need by considered by determine other possible causes of lung cancer the sample group would need by include both snokers + non-unokers are so companisons could be drawn